UNITED STATES

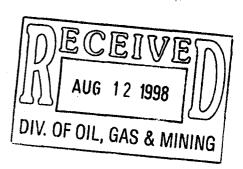
SUBMIT IN TRIPLICATE* (Other instructions reverse side)

roim approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

	BUREAU OF LAND MANAGEMENT 5. LEASE DESIGNATION AND SER UTU-50646 ML-45						- 48179					
	APPLICA	TION F	OR PERMI	T TO D	DRILL	OR	DEEPEN			6. if indian, allo N/A	TTEE OF	
b. TYPE OF WELL	DRILL	X	DEEP	EN						7. UNIT AGREEMEN Drunkards Wa	ash U	TU67921X
WELL OIL	20	OTHER			INGLE ONE	X	MULTIPLE ZONE		Utah	8. FARM OR LEASE USA 03-212	NAME,V	VELL NÖ.
	VER GAS CORI	PORATI	ON							9. API WELL NO.		
	So. 100 E. P		,	,	7-887	6				10. FIELD AND POO Drunkards Wa	ash	LDCAT
	87' FNL, 1761 <u>'</u> F	FEL	nce with any State require	ements.")	CO	NFI	DENTIA	L		AND SURVEY OR NW/4, NE/4,	AREA	T15S, R9E,
5.7 r	es and direction from the niles southwest	om neares of Price,	t town or post off Utah	TICE*					· · · · · · · · · · · · · · · · · · ·	SLB&M 12. COUNTY OR PAR Carbon		13. STATE UTAH
15. DISTANCE FROM P LOCATION TO NEA PROPERTY OR LEA (Also to nearest drig.	REST SE LINE, FT.	1187'		16. NO. OF A	652.20					ACRES ASSIGNED S WELL 160 acre	s	
18. DISTANCE FROM P LOCATION TO NEA DRILLING, COMPL APPLIED FOR, ON T	AREST WELL, ETED, OR THIS LEASE,FT.	1680'		19. PROPOS	ed depth 361				20. ROTARY	OR CABLE TOOLS Rotary		
GR 6570'									22.	APPROX. DATE WORK October		`ART*
23.			PROPOSED CA	SING ANI) CEMEN	NTING	PROGRAM				===	
SIZE OF HOLE	GRADE, SIZE OF C	ASING	WEIGHT PER FOOT	r SE	TTING DEF	PTH			QUANTI	TY OF CEMENT		
14"	12-3/4"		Conductor		25'	.						
11"	J-55 8-5/8	3"	24 #/ft		362'		149 sks G+29	6 CaC	l + 1/4# pe	r sack flocel		
7-7/8"	N-80 5-1/	/2"	17 #/ft		3615'		343 sks 50/50 P	OZ +8%	gel+2%CaC	l+10%extender. 75	sks "C	" thixotropic
		•		•								

AMENDED

Approved by the Utah Division of Oil, Gas and Mining



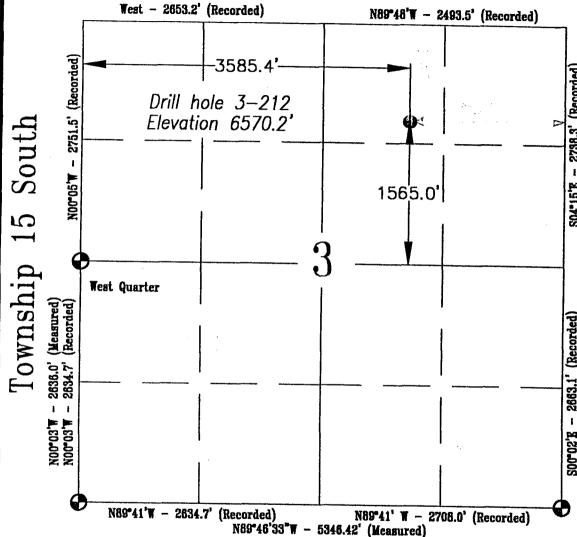
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED	Dan S.	Hamilton	TITLE	Permit Specialist	DATE	8/6/98
(This space for F	ederal or State office use)					
PERMIT NO	43-00	7-30468		APPROVAL DATE		
Application ap	proval does not warran F APPROVAL, IF ANY:	nt or certify that the applicant	holds legal or o	equitable title to those rights in the subject le	ease which would entitle t	he applicant to conduct operations thereon.
APPROVED BY	\mathcal{O}_{-}	allx		BRADLEY G. HILI		8/24/90
AFFROVEDBY	Federal And		TITLE	RECLAMATION SPECIAL	SI III DATE	0/0//18

*See Instructions On Reverse Side

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

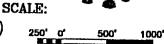


LEGEND:

Drill Hole Location

Brass Cap (Found)

Brass Cap (Searched for but not found)



Basis of Bearing:

Basis of Bearing N00°03"W recorded between the SW Corner and the West Quarter Corner of Section 3, Township 15 South, Range 9 East, Salt Lake Base and Meridian.

Basis Of Elevation:

Basis of Elevation of 6327' as indicated in the SW Corner of Section 3, Township 15 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Pinnacle Peak Quadrangle 7.5 Minute Series Map.

Description of Location:

Proposed Drill Hole located in the NW 1/4 NE 1/4 of Section 3, 1565.0' North and 3585.4' East from the West Quarter Corner of Section 3, T15S, R9E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Daniel W. Peatross, a Registered Licensed Land Surveyor, holding Certificate \$259966, State of Utah, do hereby certify that the information on this drawing is true and accurate to the best of my knowledge and belief, and was conducted by myself, as shown hereon.



	8-4-98
P. BOYLEN	casha Valla
L.W.J.	140 North Coder Hills Dr. Price, Utah 84501
7/24/98	149 Kerth Coder Hills Dr. Price, Utah 64561 (801) 527-5567 FAI (801) 627-5563
1"=1000"	
A11	Soutes
MANAGE MA.	River Gas Corporation
<u>A-1</u>	Well# 3-212 Section 3, T15S, R9E, S.L.B.&W

Carbon County, Utah

Exhibi



CONFIDENTIAL

RIVER GAS CORPORATION

UTAH OPERATIONS 1305 South 100 East Price, Utah 84501 Bus. (435) 637-8876 FAX (435) 637-8924 COPY

DIV. OF OIL, GAS & MINING

August 6, 1998

Mr. Eric Jones Petroleum Engineer Bureau of Land Management 82 E. Dogwood Moab, Utah 84532

RE: Application for Permit to Drill-USA 03-212, NW/4,NE/4, Sect.03 T15S, R9E, SLB & M, Carbon County, Utah

Dear Eric:

Enclosed is the original of the *Application for Permit to Drill* (APD) for the above named well. Included with the APD is the following information:

Exhibit "A"- Survey plat of the proposed well site;

Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;

Exhibit "C" - Drilling Site Layout;

Exhibit "D" - On-site Inspection Checklist;

Exhibit "E" - Production Site Layout;

Exhibit "F" - Typical Road Cross-section;

Exhibit "G" - BOP Diagram;

Exhibit "H" - Typical Wellhead Manifold;

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

Don S. Hamilton

Don S. Hamilton Permit Specialist

cc: Mr. Don Stephens, BLM, Price, Utah

Mr. Chuck Snure, Texaco

Mr. R.A. Lamarre, Texaco

Mr. Gee Lake, Jr., Dominion Resources

Mr. John Baza, DOGM

Mrs. Tammie Butts, River Gas Corporation

RGC Well File

<u>UT-060-3160-1</u> December, 1992

Bureau of Land Management Moab District Application for Permit to Drill On-Site Inspection Checklist

Company River Gas Corporation	Well No. 03-212
Location: Sec. <u>03</u> , T <u>15</u> S, R <u>9</u> E,	Lease No. UTU-50646
On-Site Inspection Date:none	

All operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, the approved plan of operations and the conditions of approval. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A. DRILLING PROGRAM

1. <u>Surface Formation and Estimated Formation Tops</u>:

Surface formation: Upper Mancos Shale Estimated top of Ferron Formation: 2,700'

2. <u>Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered</u>

<u>Depth</u> Formation

Expected Oil Zones: none

Expected Gas Zones: Ferron Coal Interval: 2,725'-2,875'

Expected Water Zones: 2,725'-2,875' Expected Mineral Zones: none

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed. All oil and gas shows will be tested to determine commercial potential.

3. <u>Pressure Control Equipment</u>- include schematics of the BOP and choke manifold, and describe testing procedures: Quick Test is contracted to test the manifold, blind rams, and B.O.P to 2000 psi. Surface casing is tested to 1 psi/ft. See attachment.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

- 4. <u>Casing Program and Auxiliary Equipment</u> include casing size, weight, grade, thread and coupling, setting depth and condition (new or acceptably reconditioned): Approximately 3615' of 5 ½",17#/ft,N-80,LT&C production casing and approximately 10% of the above setting depth will be 8 5/8", 24#/ft J-55 surface casing.
- 5. <u>Cement-include</u> the cement type, density, yield, additives and amount used in setting each casing string. Also include the anticipated cement fill-up. If stage cementing, describe techniques: See cement design.
- 6. <u>Mud Program and Circulating Medium</u>- include mud components and weights. When air drilling, also include: length and location of blooie line; description of the auto ignitor; description of the deduster equipment; and amounts, types and characteristics of stand-by mud: Hole will be drilled with air.
- Coring, Logging and Testing Program: Bulk Density, Gamma, Neutron Density, Resistivity and Caliper logs will be ran.
 Initial opening of drill stem test tools will be restricted to daylight hours.
- 8. <u>Abnormal Conditions, Bottom Hole Pressures and Potential Hazards</u>- include anticipated bottomhole pressure and/or pressure gradient: No abnormal conditions are anticipated. Formation is slightly over-pressured. Estimated BHP: 1552 psi.
- 9. Any Other Aspects of this Proposal that should be Addressed:

B. THIRTEEN POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. Proposed route to location (submit a map depicting access and well location).
- b. Location of proposed well in relation to town or other reference point: 5.7 southwest of Price, Ut.
- c. Contact the County Road Department for use of county roads. The use of San Juan County roads will require an encroachment permit from the San Juan Road Department.
- d. Plans for improvement and/or maintenance of existing roads:
- e. Other:

2. Planned Access Roads:

- a. Location (centerline): Off of Horse Bench Road approx:2050'FNL,600'FWL
- b. Length of new access top be constructed: 3000'
- c. Length of existing roads to be upgraded: none
- d. Maximum total disturbed width: 60'
- e. Maximum travel surface width: 25'

f. Maximum grades: 6%

g. Turnouts: N/A

- h. Surface materials: In-place residual of Mancos Shale.
- i. Drainage (crowning, ditching, culverts, etc): Roads will be crowned with bar ditches on both sides & 4 culverts placed along new road.
- j. Cattleguards: N/A
- k. Length of new and/or existing roads which lie outside the lease boundary for which a BLM right-of-way is required: N/A
- 1. Other:

Surface disturbance and vehicular travel will be limited to the approved location access road. Any additional area needed must be approved by the Area Manager advance.

If a right-a-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prioron-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.

If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

- 3. <u>Location of Existing Wells</u>-on a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Attachment "B"
- 4. Location of Production Facilities:
 - a. On-site facilities: See Attachment "E"
 - b. Off-site facilities: none
 - c. Pipelines: N/A

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required

by comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:tan

All site security guidelines identified in 43 CFR § 3163.7-5 and Onshore Oil and Gas Order No. 3 Colors will be as follows: tan

If a gas meter run is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR § 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR § 3162.7-3 and Onshore Oil and Gas Order No. 4

Production facilities on location may include a lined or unlined produced water pit as specified in NTL-2B. If water is produced from the well, an NTL-2B application must be submitted.

5. <u>Location and Type of Water Supply:</u>

All water needed for drilling purposes will be obtained from (describe location and/or show on a map): PRWID

6. Source of Construction Material:

Pad construction material will be obtained from (if the source is Federally owned, show location on a map): Private owner in East Price.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. <u>Methods of Handling Waste Disposal:</u>

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pit will be lined with (native material, bentonite, synthetic material): Pit will be lined with native material unless designated otherwise by BLM officers prior to construction.

The reserve pit will be located: on the Southeast end of the location, and the pit walls will be sloped at no greater than 2 to 1.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations.

- 8. Ancillary Facilities: Garbage Containers and Portable Toilets.
- 9. Well Site Layout depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1" = 50'.

All well, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

Access to the well pad will be from: Southwest

The blooie line will be located: on the Southeast end of the location, at least 100 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection method will be employed: Water Injection.

10. Plans for Restoration of the Surface:

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on: Adjacent land.

Topsoil along the access road will be reserved in place adjacent to the road.

Immediately upon completion of drilling, all equipment that is not necessary for production shall removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled between Sept and Nov., or at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

BLM-recommended mixture.

The abandonment marker will be one of the following, as specified by BLM:

- 1) at least four feet above ground level,
- 2) at restored ground level, or

3) below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

Additional requirements:

11. Surface and Mineral Ownership: BLM

12. Other Information:

a. Archeological Concerns: None that RGC is aware of.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

- b. Threatened and Endangered Species Concerns: Yes
- c. Wildlife Seasonal Restrictions (yes/no): See EIS
- d. Off Location Geophysical Testing: N/A
- e. Drainage crossings that require additional State or Federal approval: N/A
- f. Other: N/A

13. Lessee's or Operator's Representative and Certification

Representative:

Name: Don S. Hamilton

Title: Permit Specialist

Address: 1305 South 100 East Price, Utah 84501

Phone No: (435)637-8876

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements make in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by RGC and its contractors and subcontractors in conformity with this APD package and the terms and

conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under BLM bond no. S304604. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Don S. Hamille	
Signature	
Permit Specialist	August 6, 1998
Title	Date

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

<u>Building Location</u>- Contact the Resource Area, Natural Resource Protection Specialist at least 24 hours prior to commencing construction of location.

Spud- The spud date will be reported to the Resource Area Office 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted the District Office within 24 hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

<u>Daily Drilling Reports</u>- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the District Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager. "Sundry Notices and Reports on Wells: (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

<u>Drilling Suspensions</u>- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Authorized Officer. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

<u>Undesirable Events</u>- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the Resource Area in accordance with requirements of NTL-3A.

<u>Cultural Resources</u>- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Area Manager is to be notified.

<u>First Production</u>- Should the well be successfully completed for production, the Assistant District Manager, Minerals Division will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five (5) business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Resource Area Office. The Resource Area Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analysis, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings and/or samples) will be submitted when requested by the Assistant District Manager.

<u>Venting/Flaring of Gas-NTL-4A</u> allows venting/flaring of gas during the initial well evaluation period not to exceed 30 days or 50 MMcf. Venting/flaring beyond the initial test period threshold must be approved by the District Office.

<u>Produced Water-Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production.</u> During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water anlysis, will be submitted to the Assistant District Manager for approval pursuant to NTL-2B.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Assistant District Manager for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

<u>Plugging and Abandonment</u>- If the well is completed as a dry hole, plugging instructions must be obtained from the BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Assistant District Manager, Minerals Divisions within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

TABLE 1 NOTIFICATIONS

Notify Don Stephens of the Price Resource Area, at (435)636-3608 for the following:

- 2 days prior to commencement of dirt work, construction or reclamation;
- 1 day prior to spudding;
- 50 feet prior to reaching surface and intermediate casing depths;
- 3 hours prior to testing BOPE;
- 12 hours prior to reaching kickoff point depth (if applicable).

If the person at the above number cannot be reached, notify the Moab District Office at (435) 259-6111. If unsuccessful, notify one of the people listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab District Office, Branch of Fluid Minerals at (435) 259-6111. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: (435) 259-6111

Home: (435) 259-2214

If unable to reach the above individuals, please call:

Lynn Jackson,

Office: (435) 259-6111

Chief, Branch of Fluid Minerals

Home: (435) 259-7990

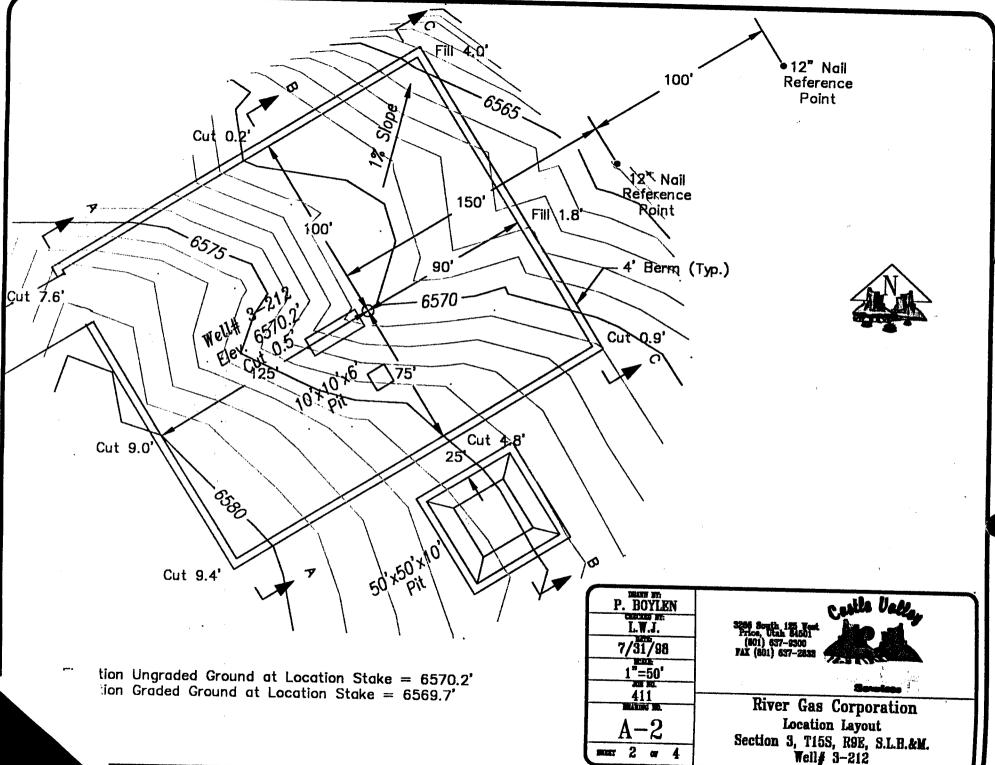
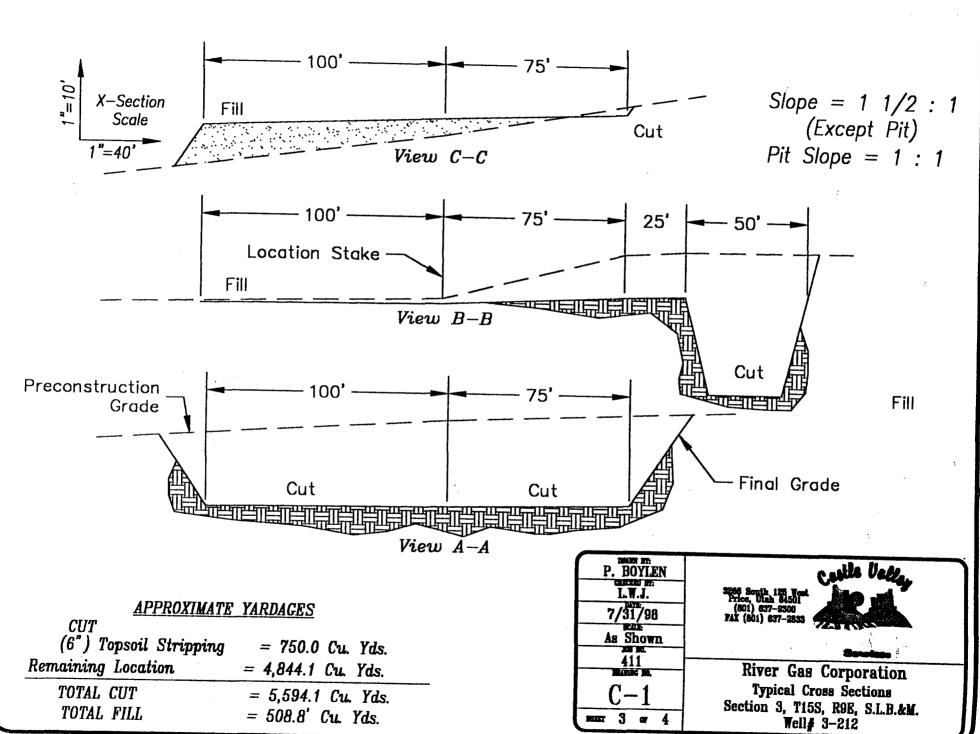
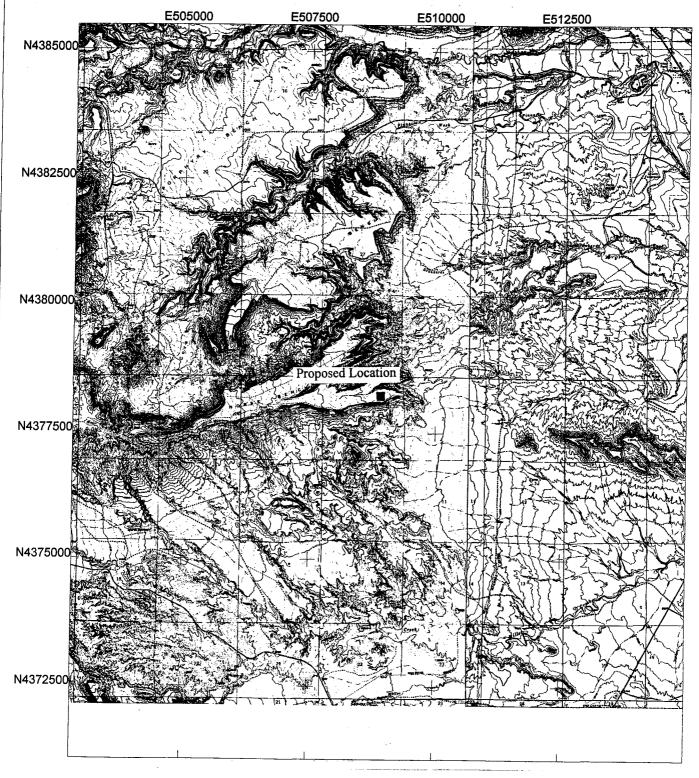


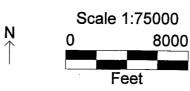
Exhibit "A" 2 of 3



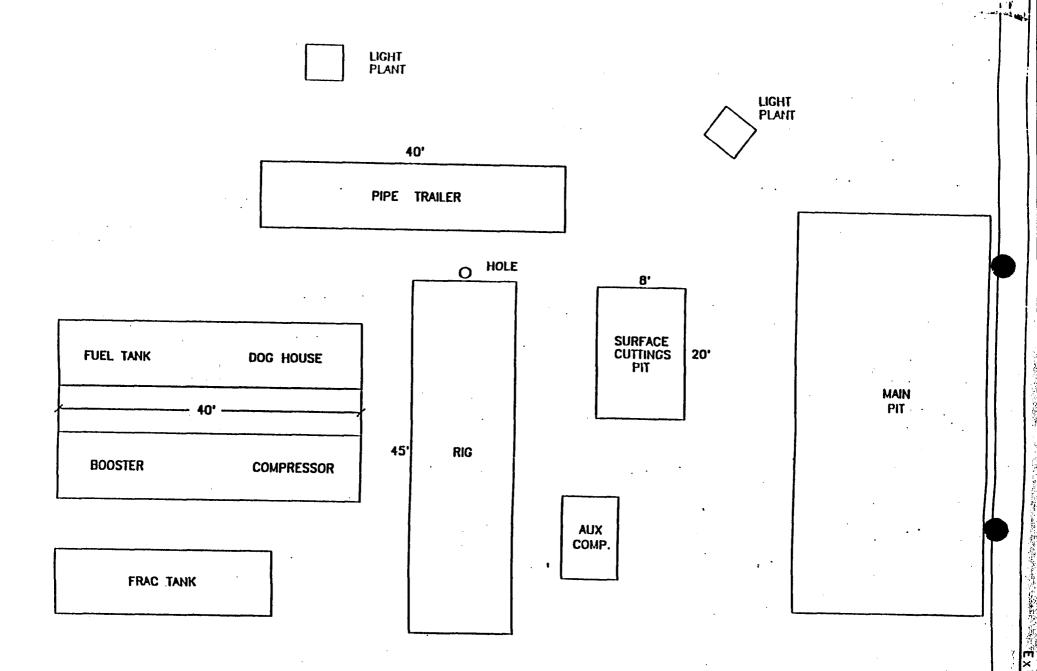


USA 03-212

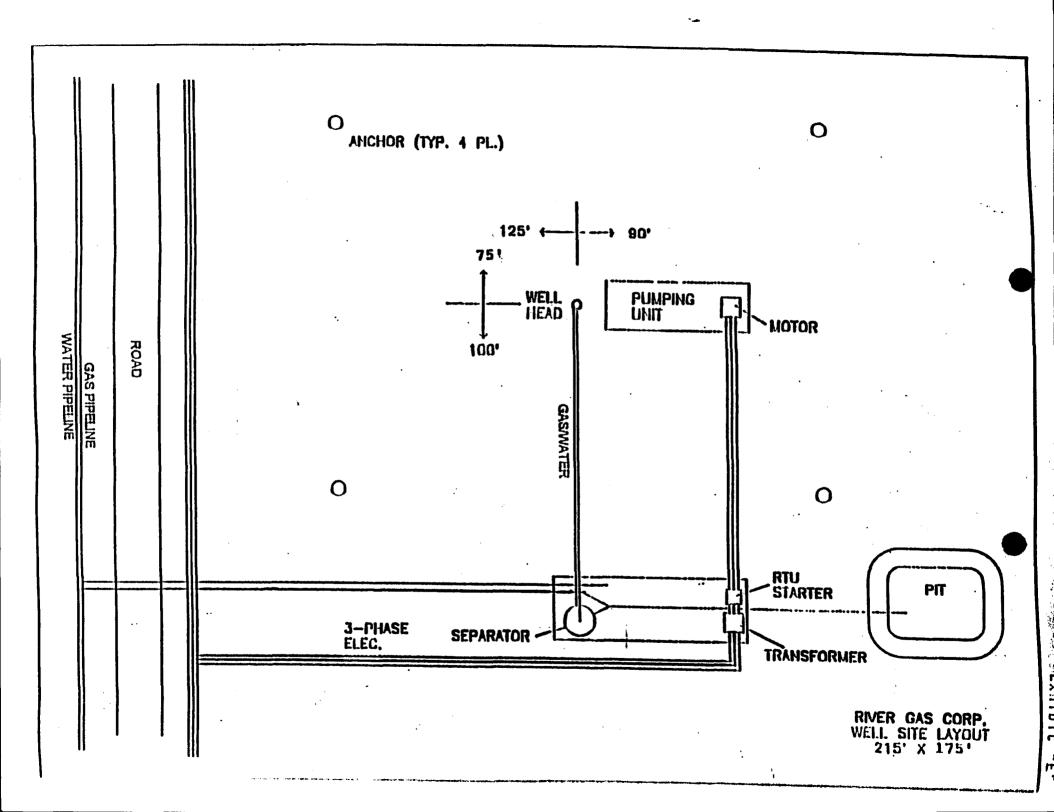
Universal Transverse Mercator North 12 NAD83 (Conus)



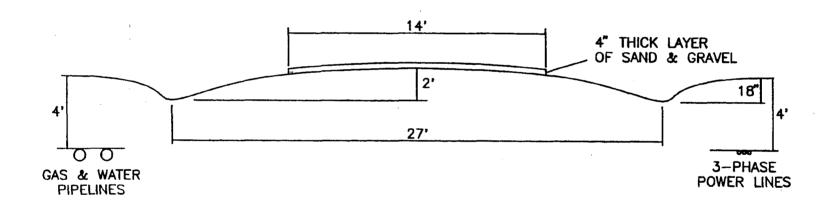
8/5/1998 Pathfinder Office™



APPROXIMATE LAYOUT OF RIG & EQUIPMENT (NOT TO SCALE)

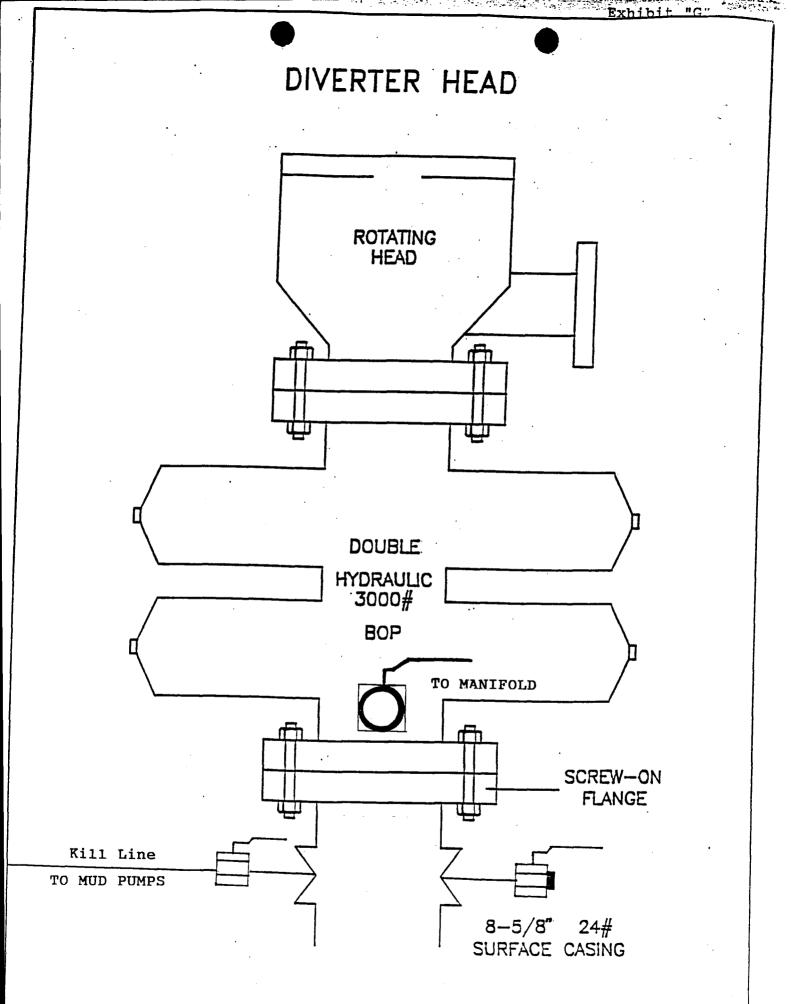


RIVER GAS CORPORATION



TYPICAL ROAD CROSS-SECTION

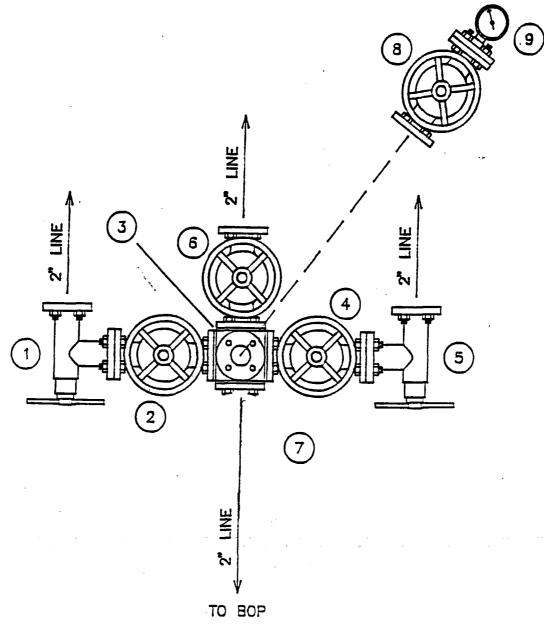
NOT TO SCALE



RIVER GAS CORP.

2° 5M FLANGED CHOKE
2° 5M GATE VALVE (FLANGED)
2° 5M STUDDED CROSS
2° 5M GATE VALVE (FLANGED)
2° 5M FLANGED CHOKE
2° 5M GATE VALVE (FLANGED)
2° LINE
2° 5M GATE VALVE (FLANGED)
3000# GAUGE 5M FLANGED CHOKE
5M GATE VALVE (FLANGED)
5M STUDDED CROSS
5M GATE VALVE (FLANGED)
5M FLANGED CHOKE
5M GATE VALVE (FLANGED)
LINE

NOTE: NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



AND A NEW 2" BALL VALVE FULL OPEN 5000PSI

MANIFOLD

APD RECEIVED: 08/12/98

API NO. ASSIGNED: 43-007-30468

Utah

WELL NAME: USA 03-212

OPERATOR: RIVER GAS CORPORATION (N1605)

CONTACT:

Don Hamilton (435)637-8876

A	M		ND		D
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	T 0 0 7 111 T 0 3 7
PROPOSED	LOCATION:

NWNE 03 - T15S - R09E

SURFACE: 1187-FNL-1761-FEL BOTTOM: 1187-FNL-1761-FEL

CARBON COUNTY

UNDESIGNATED FIELD (002)

LEASE TYPE:

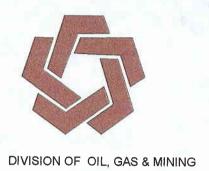
LEASE NUMBER: UTU-50646 ML-48179

SURFACE OWNER: Federal

PROPOSED FORMATION: FRSD

INSPECT LOCA	ATION BY:	/ /
TECH REVIEW	Initials	Date
Engineering	RSK	6/2/99
Geology		
Surface		

RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
Plat Bond: Federal [] State M Fee [] (No. \$304604 579333) N Potash (Y/N) N Oil Shale (Y/N) *190-5(B) Water Permit (No. \$\frac{\	R649-2-3. Unit <u>Drunkards Wash</u> R649-3-2. GeneralR649-3-3. ExceptionDrilling UnitBoard Cause No:
N/A St/Fee Surf Agreement (Y/N)	
that suspends flo49-3-2 s. allows perm	(Rec'd 7-1-99) * awaiting final order 243-2 it april under P649-2-3/Unit.
	PROVAC
(1) STATEMENT OF	BASIS (2) Conductor and surface
casings shall be cemented	to surface.
OSITIA STIPS (ENCLOSED)
* CHANGE LETTER	TO REPLECT PREVIOUS PERMIT
OK A FERERA	111.713

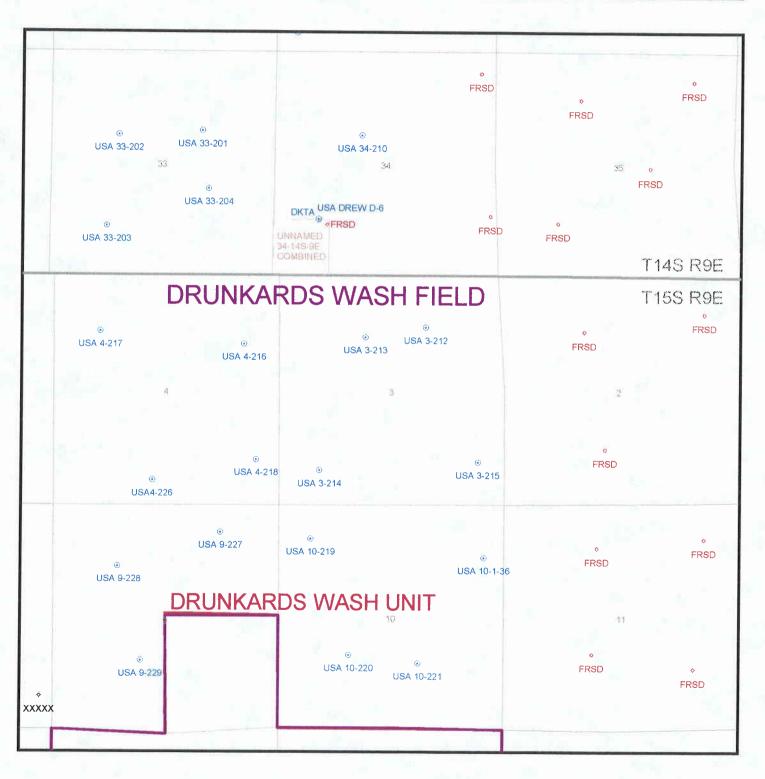


OPERATOR: RIVER GAS CORPORATION (N1605)

FIELD: UNDESIGNATED (002)

SEC. 3, TWP 15S, RNG 9E

COUNTY: CARBON UAC: R649-2-3 DRUNKARDS WASH UNIT



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: River Gas Corporation
Name & Number: Utah 3-212
API Number: 4300730468
Location: 1/4,1/4_NWNE Sec. 3 T. 15S R. 9E
Geology/Ground Water:
There are no aquifers with high quality ground water expected to be encountered. The proposed
casing and cement program will adequately isolate any zones of water penetrated.
Reviewer: Christopher Kierst Date: 5/7/99
Surface:
The sandy, cobbled, moderately-permeable soil is developed on the Quaternary/Tertiary Pediment
Mantle which covers the Blue Gate Member of the Mancos Shale (closely suprajacent to the Garley
Canyon Beds). There are deep canyons and lowlands (300' - 500' of relief) immediately
surrounding the erosional remnant on which the location is found. The nearest moving or standing
surface waters are in the North Spring area (~3.25 miles southwest). Precipitation will be deflected
around the location with berms and culverts. There are no nearby culinary or irrigation water
supply wells. The site was photographed and characterized on 5/5/99. Provision was made to
ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the
integrity of local infrastructure, groundwater and other resources. The well utilities and gas
gathering system will follow the road.
Reviewer: Christopher Kierst Date: 5/7/99
Conditions of Ammount April 24 or for Deput 44 or D. 111

Conditions of Approval/Application for Permit to Drill:

- 1) Culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
- 2) Berm location and pit.
- 3) Site infrastructure as per drilling location plat.4) Minimum 12 mil synthetic lined reserve pit.
- 5) Soil storage as per drilling location plat.

Division of Oil, Gas and Mining

OPERATOR: River Gas Corporation
WELL NAME & NUMBER: Utah 3-212
API NUMBER: 4300730468
LEASE: State FIELD/UNIT: Wildcat
LOCATION: 1/4,1/4 NWNE Sec: 3 TWP: 15S RNG: 9E 1187' FNL 1761' FEL
LEGAL WELL SITING: 660F SEC. LINE; 660F 1/4,1/4 LINE; 1320F ANOTHER WELL.
GPS COORD (UTM): $X = 508,810$; $Y = 4,378,041$ (UTM calculated from corner)
SURFACE OWNER: SITLA
PARTICIPANTS C. Kierst, L. Cordova(DOGM), D. Hamilton (RGC), G. Vasquez(RGC), L. Jensen (Nelco), C. Colt (DWR), no SITLA.
REGIONAL/LOCAL SETTING & TOPOGRAPHY Western margin of Colorado Plateau/~6 miles east Wasatch. Location is on Horse Bench on westward-dipping, eastward sloping Quarternary / Tertiary Pediment Mantle-covered Blue Gate Shale Member of the Mancos Shale.
SURFACE USE PLAN
CURRENT SURFACE USE: Grazing and habitat.
PROPOSED SURFACE DISTURBANCE: 215' X 175' pad with 50' X 50' X 10' attached pit. ~3,000' of new approach road needed.
LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 5 RGC CBM production wells, 5 approved APD locations and 2 shut-in RGC wells (D-6 disposal well and a CBM well).
LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Powerline and gathering system follow approach road.
SOURCE OF CONSTRUCTION MATERIAL: Gravel approach road and location; soil stored in berm.
ANCILLARY FACILITIES: None
WASTE MANAGEMENT PLAN: Portable toilets; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None						
FLORA/FAUNA: Pinyon, juniper, grasses, cactus, mountain mahogany / birds, coyotes, rodents, eagle nests nearby, high priority elk and deer critical winter range, reptiles.						
SOIL TYPE AND CHARACTERISTICS: <u>Sandy, cobbled, moderately-permeable</u> soil on Quaternary/Tertiary Pediment Mantle covering the Blue Gate <u>Member of the Mancos Shale (GM-SM).</u>						
SURFACE FORMATION & CHARACTERISTICS: <u>Quaternary/Tertiary Pediment</u> <u>Mantle covering the Blue Gate Member of the Mancos Shale.</u>						
EROSION/SEDIMENTATION/STABILITY: stable						
PALEONTOLOGICAL POTENTIAL: None observed.						
RESERVE PIT						
CHARACTERISTICS: 50' X 50' X 10' natural soil, dugout and bermed to deflect runoff.						
LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner						
SURFACE RESTORATION/RECLAMATION PLAN						
As per on-file SITLA Surface Agreement.						
SURFACE AGREEMENT: As above						
CULTURAL RESOURCES/ARCHAEOLOGY: Cleared and on-file.						
OTHER OBSERVATIONS/COMMENTS						
DWR wanted location moved for raptor nests but SITLA prefers this site. Extend surface casing to 500' to set below level of nearby canyon floor.						
ATTACHMENTS:						
8 photos (4 @ SITLA location and 4 @ DWR location)						
Chris Kierst 5/5/99 11:56 AM DOGM REPRESENTATIVE DATE/TIME						

Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ī	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20		0
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20		0
Distance to Nearest Municipal Well >5280 1320 to 5280 500 to 1320 <500	(feet) 0 5 10 15		0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20		0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20		10
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing high levels of hazardous constituer	0 5 15 20 nts		0
Drill Cuttings Normal Rock Salt or detrimental	0 10		0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10		<u>5</u>
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10		0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15		<u>0</u>

Final Score (Level II Sensitivity)

<u>15</u>

Well name:

699 RGC UT 03-212

Operator:

River Gas Corp.

String type:

Surface

Project ID:

43-007-30468

Location:

Carbon County

Design parameters:

<u>Collapse</u>

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? Surface temperature: No 75 °F 80 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

290 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

Cement top:

Surface

<u>Burst</u>

Max anticipated surface

pressure: Internal gradient: -3,905 psi 11.221 psi/ft

Calculated BHP 157 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: Buttress:

Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight. Neutral point: 317 ft Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

7,500 ft 9.000 ppg 3,506 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

Next setting BHP:

7,500 ft 7,500 psi

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Weight (ibs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	362	8.625	24.00	J-55	ST&C	362	362	7.972	17.4
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load (psi)	Strength (psi)	Design Factor	Load (psi)	Strength (psi)	Design Factor	Load (Kips)	Strength (Kips)	Design Factor
1	157	1370	8.75	 157	2950	18.83	8	244	32.10 J

Prepared F

RJK

by: Utah Dept. of Natural Resources

Date: June 2,1999 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Conductor and surface casing shall be cemented to surface.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 362 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Well name:

699 RGC UT 03-212

Operator:

River Gas Corp.

String type:

Production

Project ID:

43-007-30468

Location:

Carbon County

Design parameters:

Collapse Mud weight:

8.330 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

Environment:

H2S considered?

75 °F Surface temperature: Bottom hole temperature: 126 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length:

Non-directional string.

368 ft

Burst:

Design factor

1.00

1.125

Cement top:

855 ft

No

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: 0 psi

Calculated BHP

0.433 psi/ft

1,564 psi

Buttress: Premium:

Tension:

8 Round STC: 8 Round LTC:

Body yield:

1.50 (B)

1.80 (J)

1.80 (J)

1.60 (J)

1.50 (J)

Tension is based on buoyed weight. Neutral point: 3,158 ft

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	3615	5.5	17.00	N-80	LT&C	3615	3615	4.767	124.6
Run Seq	Collapse Load	Collapse Strength	Collapse Design	Burst Load	Burst Strength	Burst Design	Tension Load	Tension Strength	Tension Design
1	(psi) 1564	(psi) 6290	Factor 4.02	(psi) 1564	(psi) 7740	Factor 4.95	(Kips) 54	(Kips) 348	Factor 6.48 J

Prepared

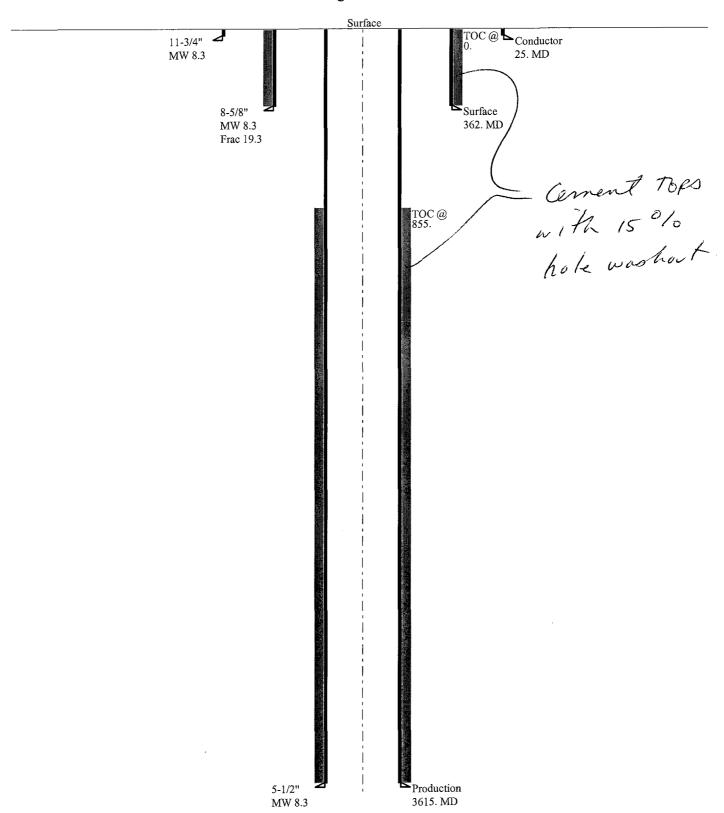
Utah Dept. of Natural Resources

Date: June 2,1999 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Conductor and surface casing shall be cemented to surface. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 3615 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.



Casing Schematic



SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION

OIL AND GAS CONDITIONS OF APPROVAL

PRICE COALBED METHANE PROJECT

FINAL ENVIRONMENTAL IMPACT STATEMENT

Well:

Utah 3-212

Mineral Lease No: ML 48179

API No.:

Location:

NE¼ Section 3, Township 15 South, Range 9 East, SLBM

County:

Carbon County, Utah

The Bureau of Land Management has prepared an Environmental Impact Statement for a portion of the Price Coalbed Methane area and a Record of Decision has been issued with respect to certain actions considered in the Environmental Impact Statement.

Pursuant to the Utah Schools and Land Exchange Act of 1998, Pub. L. 105-335, 112 Stat. 3139, which ratified the May 8, 1998, "Agreement to Exchange Utah School Trust Lands Between the State of Utah and the United States of America" entered into between the State of Utah and the United States of America, the School and Institutional Trust Lands Administration ("SITLA") has agreed to adopt all conditions, mitigation measures and restrictions imposed on lessees by the Record of Decision in the administration of Federal Mineral Leases acquired in Townships 14, 15, 16 South and Range 8 and 9 East, SLBM.

Accordingly, SITLA's approval of the Application for Permit to Drill shall be conditioned upon the following:

Location of Facilities and Timing of Construction

Final well locations and transportation corridor alignments shall be selected and designed to avoid or minimize disturbances to sensitive areas, including areas of high wildlife value or critical habitat, grazing, and/or recreational value, including wetlands and riparian areas; and areas with high erosion potential, highly saline soils, rugged topography, and/or poor reclamation potential (i.e., steep slopes, eroded lands, floodplains, unstable soils), where possible. -

New roads shall be constructed so as to avoid areas with high erosion potential. Where roads must be allowed, new roads shall be graded to spread drainage instead of channeling runoff. No road on excess of 15 percent shall be allowed on slopes greater than 15 percent. No vehicle access shall be allowed across slopes on excess of 25 percent.

Construction shall not occur on frozen or saturated soils, or when watershed damage is likely, unless an adequate plan is submitted to SITLA that demonstrates potential impacts will be mitigated. SITLA may limit cross- country travel or construction activity at times when soils are dry or frozen or have snow cover. SITLA will determine what is "wet," "muddy," or "frozen' based on weather and field conditions at the time. The limitation does not apply to maintenance and operation of producing wells.

Occupancy or other surface disturbance shall not be allowed within 330 feet of the centerline or within the 100-year recurrence interval floodplain of perennial steams, except where authorized in writing by the SITLA (e.g., road crossings).

Occupancy or other surface disturbance shall not be allowed within 660 feet of springs, whether flowing or not. No vibroseis, drilling or blasting associated with seismic exploration shall be allowed withing 0.25 mile of any spring or water well.

During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by SITLA prior to use.

Vegetation removal necessitated by a construction project shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed form the construction site at the direction of SITLA.

Reclamation

The reclamation plan shall be a part of the surface use plan of operations. The following are generally components of the reclamation plan.

All pits must be reclaimed to a natural condition similar to the rest of the reclaimed area, and must be restored to a safe and stable condition.

Reclamation shall start immediately upon completion of construction, unless prevented by weather conditions. Disturbed areas shall be restored to approximately the original contour.

Disturbed areas shall be revegetated after the site has been satisfactorily prepared. Site preparation may include ripping, contour furrowing, terracing, reduction of steep cut and fill

slopes, waterbarring, or other procedures.

Revegetation seed mixes have been established for the Project Area, and are provided in Appendix 2F. They are based on erosion control, forage production, elevation, soils, vegetation community composition, and precipitation requirements. Different seed mixes have been developed for temporary seedlings, and for final reclamation of sited in salt desert, sagebrush/grass, pinyon-juniper, mountain brush, and riparian habitats. Reclamation in riparian habitat shall also involve sedge and rush root plugs, willow cuttings, and cottonwood bare root stock plants. All seed mixes shall be free of noxious weeds.

Seedling shall be done by drilling on the contour whenever practical, or by other approved method. Where broadcast seeding is used, seeding shall take place after the soil surface is recontoured and scarified. A harrow or similar implement shall be dragged over the area to assure seed cover.

On all cut slopes, the seeding must extend from the bottom of the ditch to the top of the cut slope. On embankment slopes, the seeding must extend from the roadway shoulder to the toe of the slope. Seeding shall also be done on all borrow pit areas and on all sidecast slopes in areas of full bench construction.

Seeding and/or planting shall be repeated until satisfactory revegetation is accomplished, as determined by SITLA. Mulching, fertilizing, fencing or other practices may be required.

Seeding shall be done from October 1 to November 15, and from February 1 to March 31 (requires SITLA prior approval).

Sufficient topsoil to facilitate revegetation shall be segregated from subsoils during all construction operations and shall be returned to the surface upon completion of operations, where feasible. Topsoil stockpiles shall be revegetated or otherwise protected to prevent erosion and maintain some soil microflora and microfauna. Stockpiled topsoil shall be spread evenly over the recontoured area. All disturbed areas and vehicle tracks form overland access shall be ripped 4 to 12 inches deep within the contour.

Bonds are required for oil and gas operations on federal leases for protection pf the environment, including surface reclamation. Revegatation must be successfully established for release for the bond.

Reclamation and abandonment of pipelines and flowlines may require replacing fill on the original cuts, reducing and grading cut and fill slopes to conform to the adjacent terrain, replacement of surface soil material, waterbarring, and revegetating in accordance in accordance with a reclamation plan.

Wellsite reclamation shall include recounturing to re-establish natural contours where

desirable and practical.

After well plugging and abandonment, roads constructed by the operator not required for SITLA transportation system use shall be closed and obliterated. Reclamation may include ripping, scarifying, waterbarring, and barricading Stockpiled soil, debris and fill materials shall be replaced on the road bed to conform to the approved reclamation plan.

Water bars shall be constructed on road grades or slopes, if require by SITLA. Spacing of waterbreaks is dependent on slope and soil type. For most soil types, the following spacing shall be used:

Slope	Spacing
2%	200 feet
2-4%	100 feet
4-5%	75 feet
>5%	50 feet

Revegetation on big game critical winter range shall include hand-planting of seedling browse plants and use of seedling protectors to provide protection against browsing in the first two years after planting.

Temporary erosion control measures such as mulch, jute netting, or other appropriate methods shall be used on unstable soils, steep slopes, and wetland areas to prevent erosion and sedimentation until vegetation becomes established.

General Requirements

Precautions must be taken at all times to prevent wildfire. Operators shall be held responsible for suppression costs for any fires on public lands caused by operator's negligence. No burning of debris shall be allowed without specific authorization from SITLA.

Any campfires must be kept to a minimum size and utilize only downed dead wood.

Road construction must meet class II standards (Appendix 2C).

With SITLA approval, existing roads or trails may be improved (bladed) if impassable by vehicles or equipment. No widening or realignment shall be allowed unless approved by SITLA. Maintenance of roads outside lease or unit boundaries will require a SITLA right-of-way.

New trails may be constructed only when vehicle and equipment passage is impossible, and only with the concurrence of the SITLA. Any pushed trees are to be readily retrievable without additional disturbance, if needed for reclamation.

Reserve pits for oil and gas drilling operations may be required to be lined with commercial-grade bentonite or plastic liners sufficient to prevent seepage. At least half of the capacity shall be in a cut.

Prior to the use of insecticides, herbicides, fungicides, rodenticides, and other similar substances, and operator must obtain from SITLA approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that SITLA may require. A pesticide may be used only in accordance with it's registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.

Water Resources

Existing fords shall be used for drainage crossings where possible. Low-water crossings shall use a cut-and-fill process or upgrade existing crossings unless use of culverts is specifically authorized.

Bridges and culverts shall allow adequate fish passage where applicable. Take-down (or free-floating) panels or water gates shall be installed on all fences that cross intermittent or perennial steam channels.

For construction projects lasting more than 30 days, portable chemical toilets shall be provided at all staging areas, bases of operations, and storage areas.

Soaps, detergents, or other nondegradable foreign substances shall not be used for washing in streams or rivers. Biodegradable soap may be used.

No oil, lubricants, or toxic substances may be drained onto the ground surface. Pads shall be designed so that any oil, lubricants, etc., shall drain into a collection system.

Wetlands and Riparian Areas

Construction, development, and right-of-way in riparian areas shall be minimized. Where these areas must be disturbed, stipulations shall minimize impacts and require post-disturbance reclamation. Reclamation shall be closely monitored, and not considered complete until the desired vegetation is established.

Wildlife

<u>Restrictions on Construction Phase Activity:</u> Prohibit construction phase activity described below, on big game high value and critical winter range during the period (December 1

- April 15). This condition would not apply to normal maintenance and operation of producing wells, described below.

<u>Construction Phase Activity:</u> Construction phase activity is considered to include all work associated with initial drilling and construction of facilities through completion, including installation of pumping equipment, connection with ancillary facilities and tie-in with pipelines necessary for product delivery.

Construction activities are not allowed to be initiated unless it is reasonable to believe that such work can be finished to a logical stopping point prior to December 1 of that year. Specific activities considered to be covered by the seasonal closure include all heavy equipment operations including but not limited to the following:

- Mobilization/Demobilization or operation of heavy equipment (crawler tractor, front end loader, backhoe, road grader, etc.)
- Construction activity (road construction or upgrading, pad, pipeline, powerline, ancillary facilities, etc.),
- Drilling activity (operator would not propose to initiate drilling activity if the
 project could not reasonably be expected to be finished to a logical stopping point
 by the December 1 date of theat year.
- Seismic operation, detonation of explosives.

This seasonal closure would not apply to reconnaissance, survey/design and /or flagging of project work or other similar activity not requiring actions listed for heavy equipment operation.

<u>Production Phase:</u> A coalbed methane well is considered to be in production phase when the well and ancillary facilities are completed to the point that they are capable of production and delivering product for sale. It is noted that heavy equipment operation may be necessary in the performance of maintenance and operation of producing wells.

Restriction on Non Emergency Workover Operations: Non-emergency workover operations (defined below) are required to be scheduled on big game high value winter range outside the December 1 to April 15 date of the seasonal closure. The operator will be required to submit Sundry notices to SITLA in advance of workover operations proposed between December 1 and April 15. Sundry notices submitted as emergency work, may require independent corroboration by SITLA staff prior to work proceeding. Should SITLA object to the emergency designation of the sundry notice, SITLA would make notification of the objection within five working days of receipt of the sundry notice. In the absence of such notification or in the event of corroboration with the sundry notice, the operator would be permitted to proceed with the workover operation.

Non-emergency Workover Operations: Workover operations to correct or reverse a gradual loss of production over time (loss of production of five percent or less over a 60 day

period) is considered to be routine or non-emergency workover operations and would not be permitted during the December 1 to April 15 time frame.

Emergency Workover Operations: Emergency work over operations are defined as downhole equipment failure problems or workover operations necessary to avoid shut-in of the well or to avoid an immediate safety or environmental problem. Loss of production greater than five percent within a 60 day period is indicative of pump failure and will be treated as an emergency workover operation.

The subject permit application is proposed within critical winter range and subject to acre for acre mitigation for surface disturbance on critical winter range. The following condition comes from a cooperative agreement between the River Gas Corporation, BLM-Price Field Office, the Utah Division of Wildlife Resources and the National Fish and Wildlife Foundation, under which the River Gas Corporation agrees to the following:

Contribute \$1,250.00 (1996 dollars) for each well interest permitted and drilled by RGC (or on behalf of RGC by its contractor) on big game critical winter range as depicted in the FEIS Price Coalbed Methane Project Area. (Wells meeting the above criteria for which payment will be required, will be referred to as "subject wells".) This contribution will be adjusted annually for inflation based on the Consumer Price Index (CPI), see Section II.C.6 for the referenced source used for the determination of the CPI and the date in which this annual adjustment will go into effect.

Since this mitigation program is designed to address impacts of all big game critical winter range surface disturbance (roads, well pads, pipelines, etc.), contributions will be required regardless of the success or failure of the subject well to produce.

- The recorded date for spudding for each subject well (the first boring of a hole during the drilling of a well) will serve as the reference date triggering the requirement for the mitigation contribution.
- Contributions will be submitted (in the form of an Corporate check, cashiers check or wire transfer) directly to the National Fish and Wildlife Foundation by the 30th of each month for all subject wells spudded in the preceding month.
- All contributions will be made payable to the "National Fish and Wildlife Foundation re: Proj 97-260" and reference the "Price Field Office Wildlife Habitat Impact Mitigation Fund (RGC)".

Exploration, drilling or other development activity shall only be allowed from June 16 to

March 31 in sage grouse strutting/nesting areas. This limitation does not apply to maintenance and operation of producing wells.

Raptor Nest Site Protection Measures

The subject permit application is proposed within or near known suitable raptor nesting habitat. In order to avoid potential adverse affects to nesting raptors protected under the Migratory Bird Treaty Act and/or the Bald Eagle Protection Act, the operator must comply with all applicable provisions below.

Provisions check marked below are directly applicable to this action, based on available data at the time of this review. Any other provisions, listed below (even if not check marked) may become applicable to this action as updated raptor data becomes available.

- [] <u>Survey Required</u>: Conduct raptor surveys to determine the status of known nests and verify presence of additional nests in the affected area of this action. Surveys are to be conducted by consultants qualified to conduct such surveys and approved by SITLA. All surveys would be conducted by helicopter during May of each year unless otherwise provided by SITLA. The surveys are required to be completed in the same year as the proposed drilling/construction so that current nest activity status data are available prior to Application for Permit to Drill approval. Cost for surveys and preparation of a report of the findings of the survey would be the obligation of the lease holder.
- [X] Raptor Nest Site Bufferzone Permanent Occupancy: Upon the finding of the above survey (or other appropriate documentation) that the action lies within 0.5 miles of a raptor nest occupied (defined below) in any of the three years preceding the proposed date of construction, the action would be subject to the no surface occupancy provision stated below and provided for in the Price CBM FEIS.

Permanent surface distrubance and occupancy (i.e. oil and gas production facilities) is prohibited within 0.5 miles of raptor nests which have been documented as occupied within three years.

The provision will apply as long as the nest status remains unchanged (i.e. kocumented as occupied within any of the three years preceding the proposed date of construction. If the nest is documented as unoccupied for a period of three or more consecutive years, it will be deemed to have been abandoned and the action will no longer be subject to the nor surface occupancy provision.

In the event an action involving a permanent facility, as described above, is proposed within the 0.5 mile bufferzone, SITLA will initiate a site specific evaluation in coordination with the USFWS. This coordination will range from informal contacts that can be accomplished by telephone, to field coordination which could intail the delineation of a site specific bufferzone to

address site terrain features such as topographic and vegetative screening. Upon completion of the site specific evaluation, SITLA will notify the holder of the findings. If the site specific evaluation determines that the action can be accommodated with no significant adverse affects to the current or future productivity of the nest, the no surface disturbance/occupancy referenced above would not be applicable.

- [X] Raptor Nest Site Bufferzone Temporary Occupancy: Any temporary surface disturbance and occupancy (i.e. road and pipeline construction, etc.) associated with this permit, occurring within 0.5 miles of a raptor nest documented as occupied in one or more of the three years preceding the proposed date of construction must be conducted outsied the nesting period of February 1 to July 15. This will include but not be limited to road construction or upgrading required to reach this well location. If such work is required to access this location with heavy equipment, the seasonal closure of February 1 to July 15 will also apply to the drilling of this well.
- [X] <u>Maintenance and Operation of Existing Wells within 0.5 miles of Raptor Nests</u>: In the event an action is authorized and constructed and a raptor nest is subsequently built within 0.5 miles of the development, maintenance and operations involving workovers or heavy equipment operation under this action will be subject to the following conditions and notifications.

The proponent is required to submit (at least 5 days in advance of proposed work) a sundry notice for all work over or maintenance operations requiring use of heavy equipment proposed during the raptor breeding season (February 1 - July 15) and within the 0.5 mile bufferzone of any known raptor nest site. Upon receipt of this notification SITLA in consultation with DWR and USFWS would issue a determination on the activity status of the affected raptor nest. If the nest is found to be occupied, site specific protection measures would be developed to protect the nesting raptors and prevent conditions or actions that may result or contribute to a taking as defined under the Bald Eagle Protection Act and or the Migratory Bird Treaty Act.

To avoid the necessity for this provision, the operator is encouraged to schedule all such work outside of the nesting period on wells subject to this provision.

Occupied Nest Site Definition: An occupied raptor nest is defined for the purposes of this stipulation, as any nest site exhibiting physical evidence of current use by raptors. Evidence may include but is not limited to: presence of raptors (adults, eggs or young) at the nest or within the nesting territory, presence of greenery in the nest, and/or presence of current year's whitewash at the nest or in the immediate vicinity of the nest.

Cultural Resources

All areas subject to surface disturbance, or Areas of Potential Effect (APE), which have not been previously inventoried for cultural resources to SITLA standards, must be inventoried prior to approval of an APD or other actions. The APE is defined as any area that may be subject to direct or indirect impacts to cultural resources by elements of the development project. The zone of the APE shall vary in size in accordance with the projected levels of sensitivity for cultural resources at the location of any development. In low sensitivity areas, the APE shall be defined as the area subject to direct impacts through surface disturbing activities. In areas of medium sensitivity, the APE shall be expanded to account for potential indirect impacts: intensive inventory shall occur on all well pads plus additional 10 acres surrounding each pad; a 150- foot corridor center on roads, flowlines, and other facilities shall be inventoried as the APE. In high sensitivity areas, the APE shall include the well pad and 10 acres surrounding the well location' and the APE for roads, flowlines, and other facilities shall be area of direct ground disturbance and a 300-foot zone on all sides of the facility.

Cultural resource inventories shall be conducted in consultation with SITLA by authorized cultural resource professionals. Prior to field work, a records check must be conducted to identify previous inventories ans recorded properties. During the course of inventories, previously unrecorded sites must be recorded on standard forms, photographed, and mapped. Cultural resources shall be evaluated, and a recommendation on eligibility to the National Register of Historic Places shall be made. SITLA shall make all Determinations of Eligibility. A report shall be prepared for each development or series of developments documenting the inventory methods, results, description of the sites within the APE, recommendations on National Register eligibility, and shall include proposed mitigating measures.

SITLA shall consult with the State Historic Preservation Officer (SHPO) and the President 's Advisory Council on Historic Preservation (ACHP) as mandated by the National Historic Preservation Act of 1966 (as amended), in accordance with guidelines set forth in a Programmatic Agreement among BLM, SHPO, ACHP, and RGC. This document has been completed as a legally binding agreement and is referenced in the Record of Decision for the overall project. Site avoidance, detailed site recordation, and site protection shall be the preferred treatments, but mitigation of National register eligible properties through date recovery may take place where avoidance is not prudent or feasible, after consultation as specified in the Programmatic Agreement. SITLA shall submit a treatment plan to SHPO, ACHP and to other affected parties as may be appropriate for a 30-day consultation prior to implementation of data recovery efforts.

SITLA shall notify, consult, and/or coordinate with Indian tribes, traditional leaders, and other interested parties as required by various statues (NEPA, American Indian Religious Freedom Act [AIRFA], National Historic Preservation Act [NHPA], Federal Land Policy and Management Act [FLPMA], Archaeological Resources Protection Act [ARPA], and the Native

American Graves Protection act [NAGPRA]). In particular, SITLA shall attempt to elicit information concerning the potential effects of any action resulting from the Proposed Action on tradition cultural properties, including areas of traditional use and areas of religious or cultural importance to tribes. Indian tribes shall be afforded a minimum of 30 days for review, comments and consultation prior to issuance of a decision; under certain circumstances additional time must be afforded. A 30- day notification period is required by ARPA prior to issuance of any Cultural Resource Use Permits of r the excavation and removal; of cultural resources from public lands administered by SITLA. NAGPRA requires notification and consultation with affected tribes regarding the potential to encounter human remains during the course of a project, and provides for cessation of work, and the notification and consultation with tribes should inadvertent discovery of human remains occur during the course of a project. SITLA shall assure adherence to these statues.

If a previously unknown property is encountered during construction or operation of the facilities, or is a previously planned undertaking shall affect a known historic property in an unanticipated manner, all work that might adversely affect the property shall cease until SITLA can evaluate the significance of the property and assess the effect of the undertaking. SITLA shall consult with SHPO on both a determination of eligibility and the assessment of effect on an expeditious manner. If the site is determined eligible and shall be affected by the undertaking, SITLA shall ensure that RGC prepares an avoidance or treatment plan for the property.

If humans remains are discovered at any point during the project, they shall be treated according to state and federal law, and according to the wishes of concerned Native American tribes, pursuant to the Native American Graves Protection and Repatriation Act. The county sheriff, coroner, land-managing official, and State Archaeologist shall be notified. The remains shall not be disturbed until the appropriate officials have examined them

Land Use

On split estate lands, where the surface is privately owned and the subsurface is owned by SITLA, SITLA will recommend the same environmental protection standards as shall be used for SITLA surface. The operator is responsible for making a good faith effort ro reach an agreement with the privates surface owner which considers the recommended SITLA protection measures and formalizes requirements for the protection of surface resources and/or damages.

Each application for permit to drill or application to conduct other surface disturbing activities shall contain the name, address and telephone number of the surface owner. The SITLA shall invite the surface owner to participate in any on-site inspection that is held. The operator is responsible for making access arrangements with the private surface owner prior to entry.

Incorporated cities are categorized by BLM as no Lease. Within the Project Area, BLM leases do not permit surface occupancy or other activity for Carbon County Airport, Carbon County Recreation Complex, and Carbon County sanitary landfill.

Livestock Management

Existing range and livestock management facilities, such as fences wells, reservoirs, watering pipelines, troughs and trailing systems, shall not be disturbed without prior approval of SITLA. Where disturbance is necessary, the facility shall be returned to its original condition.

Newly constructed range improvements such as fences and reservoirs must meet SITLA standards. When it is necessary to gain access across a fenceline for construction purposes, the fence must be braced. Four-inch timber or equivalent must be installed and the gateway kept closed when not in actual use.

All gates found closed during the course of the operation must be reclosed after each passage of equipment and personnel. Cattle guards shall be installed in fences on all collector roads. Either a cattle guard or a gate shall be required on local and resource to roads to control livestock movement or vehicular access.

If road construction cuts through natural topography that serves as a livestock barrier, a fence shell be constructed to replace it. The fence shall be installed with a cattle guard or gate to control livestock and vehicle movement or access.

Access to grazing areas shall be maintained at all times. Livestock operators shall have access to grazing and trailing areas where road closures are implemented during periods of authorized livestock use.

Visual Resources

Roads through timbered areas shall take a curvilinear path to reduce sight distances.

Upon completion of the project the area and access roads shall be reclaimed to as near the original condition as possible. All disturbed areas shall be recontoured to blend as nearly as possible with te natural topography. All berms shall be removed and all cuts (including roads) filled.

Construction areas and access roads shall be kept liter-free. The operator must provide a trash pit or trash cage, and trash must be collected and contained during the operation. All garbage, trash, flagging, lath, etc., shall be removed from the area and hauled to an authorized dump site.

Construction and facilities shall be in conformance with Visual Resource Management (VRM) objectives for the VRM classes in the Project Area. All surface facilities in the Project Area shall be located to minimize disturbance of the visual horizon and painted to blend in with the surrounding landscape.

Colors shall be specified by the SITLA.

MISC. ITEMS	<u>S</u>		
MUD PIT:	Lined	Unlined	Determine at construction
Comments:			

Green Strip Area

APPENDIX 2F

SEED MIXTURES FOR THE PRICE COALBED METHANE PROJECT

Seed mixtures have been developed for general land types throughout the project area. They are based on erosion control, forage production, elevation, soils, vegetation communities and average annual precipitation zones. The mixtures show the plant species and the pounds per acre of pure live seed (PLS) to be planted.

The following seed mixture will be planted along service road borrow ditches, around the edge of drill pads with a production well, and surrounding other production and maintenance facilities. The purpose of this seeding is to provide a "green strip" buffer to minimize fire hazards and prevent invasion and establishment of noxious weeds in areas that will receive contained disturbance for the life of these project areas.

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		 -		 		
NOTES:						

Common Plant Name	Scientific Name	Pounds per acre/PLS*
Forage kochia	Kochia prostra	2
Wyoming big sagebrush	Artemisia tridentata wyominggensis	1
	Var. Gordon Creek	
Douglas low rabbitbrush	Chiysothamnus viscidiflorus	1
Yellow sweetclover	Melilotus officinalis	1
Small burnet	Sanguisorba minor	1
Bottlebrush squirreltail	Elymus elymoides	1
Inertmediate wheatgrass	Thinopyrum intermedium	<u>1</u>
-	Total	8

The following seed mixtures are for areas that will receive final reclamation. Areas would be planted to protect them form soil erosion and to restore forage production.

CRITICAL	WINTER	RANCE

RAPTOR NEST SITE

Salt Desert Areas		
NOTES:		
Common Plant Name	Scientific Name	Pounds per acre/PLS*
<u>Grasses</u>		
Indian ricegrass	Oryzopsis hymenoides	2
Squirreltail	Elymus elymoides	2
Galleta	Hilaria jamesii	2
<u>Forbs</u>		
Lewis flax	<u>Linum perenne lewisii</u>	1
Palmer penstemon	Penstemon palmerii	1
Gooseberryleaf glodemallow	Sphaeralcea grossulariifolia	0.5
Shrubs	TZ 1.	2
Forage kochia	Kochia prostrata	2
Rubber rabbitbrush	Chrysothamnus nauseosus	1
Fourwing saltbush Winterfat	Atriplex canescens Krascheninnikovai (Eurotia) lanta Total	2 <u>2</u> 15.5
Sagebrush/ Grass Areas		
NOTES:		
<u> </u>		
<u>Common Name</u> Sci	entific Name	Pounds per acre/PLS*
Grasses		
Indian ricegrass	Oryzopsis hymenoides	2
Squirreltail Squirreltail	Elymus elymoides	2
Thickspike wheatgrass	Elymus lanceolatus	1
Crested wheatgrass	Agropyron desertorum	2
<u>Forbs</u>		
Lewis flax	Linum perenne lewisii	- 1
Palmer penstemon	Penstemon palmerii	1
Small burnet	Sanguisorba minor	1

CRITICAL WINTER RANGE	UTAH 3-212	RAPTOR NEST SITE
Shrubs Forage kochia Whitestem rabbitbrush Fourwing saltbush Wyoming big sagebrush	Kochia prostrata Chrysothamnus nauseosus albicaulis Atriplex canescens Artmesia tridentata Total	2 1 2 1 16
Pinyon/Juniper Areas		
NOTES:	J	
Common Name	Scientific Name	Pounds per acre/PLS*
Grasses Thickspike wheatgrass	Elymus lanceolatus	1.5
Inertmediate wheatgrass	Thinopyrum intermedium	1.5
Squirreltail	Elymus elymoides	2
Crested wheatgrass	Agropyron desertorum	2
<u>Forbs</u>		
Lewis flax	Linum perenne lewisii	1
Palmer penstemon	Penstemon palmerii	1
Small burnet	Sanguisorba minor	1
Shrubs		
Forage kochia	Kochia prostrata	2
Fourwing saltbush	Atriplex canescens	2
Wyoming big sagebrush	Artmesia tridentata wyominggensis	. 1
Antelope bitterbrush	var. <u>Gordon Creek</u> Purshia tridentata	1
True Mt. mahogany	<u>Cercocarpus montanus</u>	1 1
True ivi. manegany	Total	17
Mountain Brush Areas		
NOTES:		
Grade in the control of the control		

CRITICAL WINTER RANGE

RAPTOR NEST SITE

Common Name	Scientific Name	Pounds per acre/PLS*
Grasses Sheep fescue Smooth brome Slender wheatgrass Intermediate wheatgrass Russian wildrye	Festuca ovina Bromus inermis Elymus trachycaulus Elytirgia intermedia Psathyrostachys juncea	2 2 2 1.5 1
Forbs Lewis flax Rocky Mt. penstemon Sainfoin	Linum perenne lewisii Penstemon strictus Onobrychis viciifolia	1 1 0.5
Shrubs Forage kochia Wyoming big sagebrush	Kochia prostrata Artmesia tridentata wyominggensis	2 0.5
Antelope bitterbrush Mountain big sagebrush True Mt. mahogany	var. <u>Gordon Creek</u> <u>Purshia tridentata</u> <u>Artemisia tridentata var. vaseyana</u> <u>Cercocarpus montanus</u> Total	1 0.5 <u>1</u> 16
Riparian Areas		
NOTES:		
Common Plant Name Grasses and Grasslike	Scientific Name	Pounds per acre/PLS*
Reed canarygrass	Phalaris arundinacea	2
Streambank wheatgrass	Elymus lanceolatus riparium	4
**Nebraska sedge **Baltic rush	Carex nebrascensis <u>Juneus baltieus</u>	
Shrubs **Coyote pillow	Salix exqua	_
Skunkbush sumac	Rhus trilobata var. trilobata Total	<u>2</u> 8

CRITICAL WINTER RANGE

RAPTOR NEST SITE

Trees

** Narrowleaf cottonwood

Populus augustifolia

* Seeding rate is listed as pounds per acre of pure live seed (PLS) drilled. Rate is increased by 50 percent if broadcast seeded.

Formula: pure live seed (PLS) =%seed purity x %seed gemination.

** Sedge and rush root mass plugs, willow cuttings and cottonwood bare stock plantings will be done in the spring, within one month after water flows, when the riparian water table and soil moisture will ensure planting success.



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

August 24, 1998

River Gas Corporation 1305 South 100 East Price, Utah 84501

Re: <u>USA 03-212 Well, 1187' FNL, 1761' FEL, NW NE, Sec. 3,</u> T. 15 S., R. 9 E., Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30468.

Sincerely,

John R. Baza

Associate Director

lwp

Enclosures

cc: Carbon County Assessor

Bureau of Land Management, Moab District Office

Operator:	River Gas Co	<u>orpora</u>	tion		
Well Name & Number:	USA 03-212				
API Number:	43-007-30468	3			
Lease:	<u>UTU-50646</u>				_
Location: NW NE	Sec. 3	т.	15 S.	R.	9 E.

Conditions of Approval

- 1. General
 - Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
- Notification Requirements
 Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

- 3. Reporting Requirements
 - All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
- 4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

FORM 9





	SIAIL OF STAFF			
!	DIVISION OF OIL, GAS AND N	MINING	5. Lease Designation	And iteration
SUNDRY NO	TICES AND REPORTS	ON WELLS	6. If Indian, Allottee o	r Tribe Name:
oonbit! ite	THOSE THE RELEGIES	0.1.1.1.1.1.0	N/A	
Do not use this form for proposals t	o drill new wells, deepen existing wells, or to reent	er nlugged and abandoned wells	7. Unit Agreement Na	me:
	N FOR PERMIT TO DRILL OR DEEPEN form for		Drunkards	s Wash UTU-67921X
Type of Well: OIL GAS X	OTHED:		8. Well Name and N	
. Type of Well: OILLI GAS 🛭	OTTIER.		Utah 3-212	
. Name of Operator:			API Well Number:	
Rive	r Gas Corporation		43-007-30	1468
. Address and Telephone Number:			10. Field or Pool, or V	
1305	South 100 East, Price, UT 84501	(435)637-8876	Drunkards	Wash
Location of Well Footages: 1187' FNL,	1761' FEL		County: Carbo	on
QQ, Sec., T., R., M.: NW/4, NE/	4, SEC. 03, T15S, R9E SLB&M		State: UTA1	at a second
	RIATE BOXES TO INDICATE	NATURE OF NOTICE,	REPORT, OR C	THER DATA
	E OF INTENT		SUBSEQUENT R (Submit Original For	
☐ Abandon	□ New Construction	☐ Abandon *		New Construction
☐ Repair Casing	□ Pull or Alter Casing	☐ Repair Casing		Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans		Reperforate
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	n 🗀	Vent or Flare
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or A	cidize 🗆	Water Shut-Off
☐ Multiple Completion	□ Water Shut-Off	Other Name C	Change	
□ Other				
		Date of work completion	n	
		I		pletions to different reservoirs on WELL

Notice of Well Name Change from the USA 03-212 to the Utah 03-212 and lease change from Federal to State due to the recent Land Exchange.

ORIGINAL

OCONFIDENTIAL

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Name & Signature:	1//	(WWY)	Title:	Administrative Asst.	Date: _	1/18/99
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RIVER GAS CORPORATION

UTAH OPERATIONS 1305 South 100 East Price, Utah 84501 Bus. (435) 637-8876 FAX (435) 637-8924

May 17, 1999

Mr. John Baza State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 SLC, Utah 84114-5801

RE: Request for Approved APD's Expiration Date Extensions

Dear Mr. Baza:

River Gas Corporation (RGC) requests an expiration date extension for the approved APD's listed on the following page. A one year extension would allow RGC to drill and complete these wells that have not been drilled to date, due to surface use restrictions.

Thank you very much for your timely consideration of this request. Please feel free to contact me if you should have any questions or require additional clarification.

Sincerely,

Don S. Hamilton Permit Specialist

cc: Mr. Eric Jones, BLM, Price, Utah

Mr. Chuck Snure, Texaco

Mr. Gee Lake, Jr., Dominion Resources

Approved by the Utah Division of Oil, Gas and Mining

Mrs. Tammie Butts, RGC

RGC Well Files

PY SENT TO OPERATOR

ा**te**: ात्र**ांऽ**: 6-1-99 CHD MAY 20 1999

DIV. OF OIL, GAS & MINING

Date:

Dv.

API Number	Well Name	Present Expiration Date	0
43-007-30468	Utah 03-212	8-24-99 7 /5	5 RO9E Sec. 03
43-007-30381	Utah 03-213	6-11-99	•
43-007-30295	Utah 03-214	6-3-99	
43-007-30430	Utah 06-223	6-8-99	
43-007-30303	Utah 10-221	6-3-99	
43-007-30423	USA 15-177	6-11-99	
43-007-30422	USA 17-179	6-11-99	
43-007-30425	USA 21-35	6-11-99	
43-007-30424	USA 21-184	<i>6</i> -11-99	
43-007-30426	USA 22-185	6-11-99	
43-007-30477	USA 22-186	9-10-99	
43-007-30405	USA 29-193	6-11-99	
43-007-30427	USA 29-194	6-11-99	
43-007-30389	Utah 33-204	6-11-99	
43-007-30429	Utah 34-210	6-11-99	
43-007-30438	Utah D-9	6-11-99	

Approved by the Utah Division of Oil, Gas and Mining

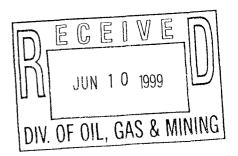
Date: 6 1 199

COPY SENT TO OPERATOR Date: 6-1-99 Initials: CHO



RIVER GAS CORPORATION

UTAH OPERATIONS 1305 South 100 East Price, Utah 84501 Bus. (435) 637-8876 FAX (435) 637-8924



ORIGINAL

CONFIDENTIAL

June 3, 1999

Mr. John Baza Associate Director Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

RE: Exception location – Utah 03-212, Section 3, T15S, R9E, SLB&M

Carbon County, Utah

Dear Mr. Baza:

Please accept this letter as River Gas Corporation's (RGC's) request that this proposed well be approved as an exception location in accordance with Utah Administrative Code § R649-3-3 for topographical reasons. This proposed well site does not conform with the general state spacing rules that affects the subject NE/4.

RGC's contractor, GeoScout Land and Title Company, will send your office an affidavit describing the owners within a 460 foot radius of the well. Thank you for your timely consideration of this request, please feel free to contact me if you have any questions or need additional information.

Sincerely yours,

Don S.

Don S. Hamilton Permitting Specialist

cc: Tammie Butts, RGC
Sally Sullivan, Geoscout Land and Title Company
Randy Allen, RGC
Joey Stephenson, RGC
RGC well file

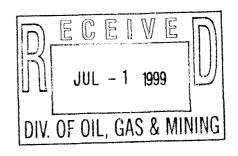
GEOSCOUT LAND & TITLE COMPANY

P.O. BOX 11126 • SALT LAKE CITY, UTAH 84147 • (801) 364-7773

June 27, 1999

HAND DELIVERED

Mr. John Baza, Associate Director, Oil & Gas Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84180



Re: River Gas Corporation

Utah 03-212 Well Exception Location

Section 3, Township 15 South, Range 9 East, SLM

Carbon County, Utah API No. 43-007-30468

Dear Mr. Baza:

Reference is made to the pending application for permit to drill ("APD") for the captioned well filed by our client, River Gas Corporation ("RGC"). As you may recall, the well was originally to be drilled on Federal Lease UTU-50646. The APD was filed by RGC and received approval from your office on August 24, 1998 subject to BLM approval. In the interim, the lands were transferred to the State of Utah as part of the Land Exchange Act of 1998. SITLA has redesignated the lease as ML-48179.

The proposed location for this well is within the Drunkards Wash Federal Exploratory Unit and the lands are not subject to a spacing order, *i.e.* general state spacing under Utah Admin. Code Rule R649-3-2 applies (pursuant to your agency's recent policy change). The well is proposed at a location 1,187'° FNL and 1,761' FEL in the NW½NE½ of Section 3, which is outside of the "window" allowed under the general state spacing rule. The well cannot be located within the "window" because of topographical restraints. As a consequence, an exception location under Utah Admin. Code Rule R649-3-3-1.2 is now required.

As shown by the enclosed Affidavit, the "owners" within a 460 foot radius of the proposed location are River Gas Corporation ("RGC"), and Texaco Exploration and Production Inc. ("TEXEP"). RGC, by virtue of its application for the well, and TEXEP,

Mr. John Baza, Associate Director, Oil & Gas June 27, 1999
Page 2

by virtue of the enclosed Consents, have approved the exception location. With the information provided with this letter and contained in your file for the pending APD, all requirements for approval of an exception location have been satisfied. Your prompt approval is therefore requested.

If you have any further questions or concerns regarding this application, please do not hesitate to contact either me or Fred MacDonald at Pruitt, Gushee & Bachtell (801) 531-8446. On behalf of RGC, I thank you for your immediate attention to this matter.

Yours very truly,

Sally M. Sullivan

SMS:se 1526.167 Enclosures

cc: Joseph L. Stephenson

AFFIDAVIT

STATE OF UTAH)
	:ss
COUNTY OF SALT LAKE)	

Sally M. Sullivan, being duly sworn upon her oath, deposes and states:

I am the Vice President of GeoScout Land & Title Company ("GeoScout").

GeoScout is a company that specializes in mineral abstracts and mineral title searches, including searches of the oil and gas records at the School & Institutional Trust Lands Administration, State of Utah ("SITLA"), and at the United States Department of the Interior, Bureau of Land Management ("BLM"). I have performed such searches on behalf of GeoScout's clients for over nine years.

Based solely upon the following title data:

a) Drilling Title Opinion dated June 18, 1997 (effective April 2, 1997) covering Federal Lease UTU-50646 and the N½ of Section 3, Township 15 South, Range 9 East, SLM, among other lands, prepared by Pruitt, Gushee & Bachtell and provided to me by River Gas Corporation,

as supplemented by my search of the BLM and SITLA records on June 16, 1999, pertaining to said lands and lease (re-designated by SITLA as ML-48179 as a result of the Utah State Land Exchange Act of 1998), I have determined the following parties to be the "owners" (as that term utilized in the Utah Admin. Code Rule R649-3-3) within the 460' radius of the proposed Utah 03-212 well located in the NW14NE14 of Section 3, Township 15 South, Range 9 East, SLM:

TEXACO EXPLORATION AND PRODUCTION INC.

RIVER GAS CORPORATION

The matters stated herein are true of my own knowledge.

Dated this 24 day of June, 1999.

LLY M. SULLIVAN

Subscribed, sworn and acknowledged to and by Sally M. Sullivan before me this ______ day June, 1999.

proof more made to the state of

Notary Public CHARLENE B. SEEGMILLER 256 South 1525 West Farmington, Utah 84025 My Commission Expires May 6, 2001 State of Utah

NOTARY PUBLIC

CONSENT TO EXCEPTION LOCATION

TEXACO EXPLORATION AND PRODUCTION, INC., P.O. Box 2100, Denver, CO 80201, an "owner" (as that term is utilized in Utah Admin. Code Rule R649-3-3) within a 460' radius of the Utah 03-212 well proposed by River Gas Corporation, hereby, consents to the requested exception location of that well as shown on the attached application for permit to drill.

Dated this 1/2 day of June, 1999.

TEXACO EXPLORATION AND PRODUCTION, INC.

Chuck Snure, Land Representative

LOW/STON-3 (December 1990)

7-7/8'

N-80 5-1/2

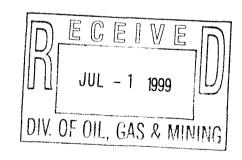
17 #/ft

SUBMIT IN TRIPLICATE"

town abbuncer Budget Bureau No. 1004-0136 - December 31 1001

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		DEPART	MENT OF THE	INTERIO	R				5, LEASE DESIGNATI	ON AND SERIAL NO
		BURE	AU OF LAND MANAC	JEMENT					UTU-50646	
	APPLICA	TION F	OR PERMIT T	O DRILL	ORI	PEPEN			6. IF INDIAN ALLOT	TEE OR TRIBE NAME
I. TYPE OF WORK	<u> </u>		OIL LIMIT I	OUTILL					N/A	
IT THEOL COM	DRILL	\boxtimes	DEEPEN						7. UNIT AGREEMENT	
b. TYPE OF WELL	DAILL	16 2	DEEPEN	-						此 UTU67921X
CIL.	GAS			SINGLE	_	MULTIPLE			L FARM OF LEASE N	AME WELL NO.
METT	METT X	OTHER		ZONE		ZONE	_□		USA 03-212	
1 NAME OF OPERATOR	ER GAS COR	DOD A TT	O)/			-			9. API WELL NO.	
		PURATI								
3. ADDRESS AND TELE		7 T	-1 04501 (001)	/17 007	-				I FIELD AND POOL	
			ah 84501 (801)	,	ס				Drunkards Was	
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119	7' FNL, 1761'	FEL								€.3, T155, R9E
W. Sechmon Sand inne									SLB&M	
			TOWN OR POST OFFICE		,				12 COUNTY OF PARE	
3./ II	iles southwes	OI PTICE,	Chan			_	_		Carbon	UTAH
15. DISTANCE PROM PI LOCATION TO NEAL			IGNO	OF ACRES IN	LEASE				FACRES ANSIGNED IS WELL	
PROPERTY OR LEAD	ELNE, PT.	1187		652.20	Oʻ.			10.12	160 acres	
(Aim to MENE CTG. TO										
LOCATION TO NEA			19. PK	OPOSED DEPTH	_			20, ROTAR	OR CABLE TOOLS	
DRILLING, COMPLE APPLIED FOR ON TO		1680'		36	15				Rotary	
21. ELEVATIONS (Show					r			22	APPROX DATE WORK W	TIL STARTS
GR 6570		Ĭ					•		October 19	
23.			PROPOSED CASING			ROGRAM				
SIZE OF HOLE	GRADE STREOF	CASING	WEIGHT PER FOOT	SETTING DE	HIT			QUANT	TTY OF CEMENT	
14*	12-3/4"		Conductor	25	,					
11"	LSS 8-5/	R.	· 24 #/A	162	, 1	49 sks (+29	6 CaCl	+ 1/4 # p	er sack flocel	

3615'



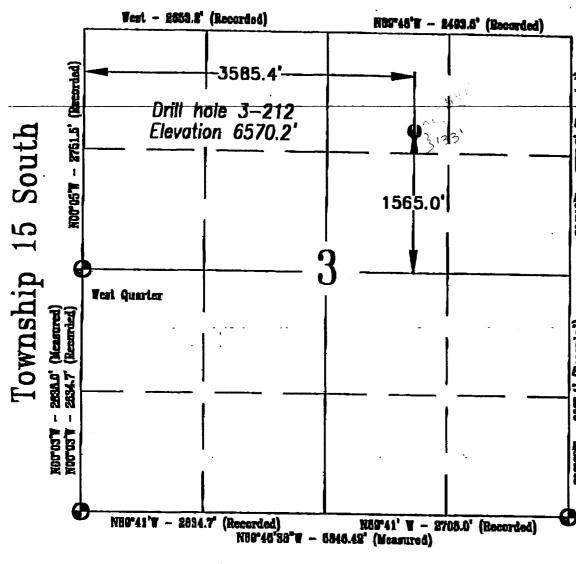
343 sks 50/50 POZ +8%gcl+2%CaCl+10%extender, 75 sks "G" thixonopic

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: W proposal in to despet, give data pro-

signed Don	Hamilton IIILE	Permit Specialist	DATE 8/6/98	
(This space for Federal or Suns office use)				
PERMIT NO.		APPROVAL DATE		
Application approval does not warran or CONDITIONS OF APPROVAL IF ANY:	certify that the applicant holds legal o	or equitable tide to those rights in the subject	et lesse which would entitle the applicant to	o conduct operations thereon.
APPROVED BY		1	DATE	• •
W. E BOOM OF DE	11114		DATE	

*See Instructions On Reverse Side

Range 9 East



Basis of Bearing:

Basis of Bearing NOO'O3'W recorded between the SW Corner and the West Quarter Corner of Section 3, Township 15 South, Range B East, Sail Lake Base and Meridian.

Bosis Of Elevation:

Basis of Elevation of 6327' as indicated in the SW Corner of Section 3, Township 15 South, Range 9 East, Sait Lake Base and Meridian, as shown on the Pinnacle Peak Quadrangle 7.5 Minute Series Map.

Description of Location:

Proposed Drill Hole located in the NW 1/4 NE 1/4 of Section J, 1565.0' North and 3585.4' East from the West Quarter Corner of Section J, 1155, R9E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, Duniel W. Pesirees, a Registered Licensed Land Surveyor, holding Cartificate #200968, Stale of Utah, do hereby certify that the information on this drawing is true and accurate to the hest of my knowledge and belief, and was conducted by myself, as shown hereon.



P. BOYLEN	
T.V.	
7/24/98	
1"=1000"	
411	_
MARK E	1
1 A_1	l

TOTAL (SPT.) SEC.—MINES [84] SEC.—MINES [85] SEC.—MINES

River Gas Corporation Well# 3-212 Section 2, 7168, RUK, S.L.B.&W Carbon County, Diah **Exhibit**

LEGEND:

- Drill Hole Location
- \varTheta Brass Cap (Found)
- O Brass Cap (Searched for but not found)

SCALE:

150° 0' 500' 10



Michael O. Leavitt Governor David T. Terry 675 East 500 South, Suite 500 Salt Lake City, Utah 84102-2818 801-538-5100 801-355-0922 (Fax) http://www.trustlands.com

July 8, 1999

Mr. Reed E. Harris Field Supervisor U.S. Fish and Wildlife Service Utah Field Office 145 East 1300 South, Suite 404 Salt Lake City, UT 84102

Re:

Proposal of River Gas Corporation to Drill within 1/2 Mile of Raptor Nest

Utah 3-212 Well

Drunkards Wash Project, Carbon County, Utah

Dear Mr. Harris:

River Gas Corporation has proposed to drill a well in the NE/4 of Section 3, Township 15 South, Range 9 East, known as the Utah 3-212 well. The proposed location is within 1/2 mile of seven raptor nests as summarized in the following table:

Nest No. (1998 & 1999 Surveys)	<u>Species</u>	Distance to Well	1999 Status
164	Buteo	.48 mile	not found
152	Golden Eagle	.31 mile	inactive
153	Raven	.34 mile	not found
149	Golden Eagle	.49 mile	inactive
150	Golden Eagle	.42 mile	old/dilapidated
147	Raven	.45 mile	inactive
148	Red Tail Hawk	.45 mile	inactive

Although none of the above nests was active in 1999, Nest 152 was surveyed as active in 1998 and Nests 153 and 164 were tended in 1998. None of the others has been occupied or tended for at least the last three years.

Reed E. Harris July 8, 1999 Page Two

Although the following two nests are not technically within 1/2 mile of the proposed 3-212 well, we mention them as well since they are very close to the 1/2 mile buffer zone:

Nest No.	Species	Distance to Well	1999 Status
146	Raven	.57 mile	active
151	Golden Eagle	.51 mile	active (2 chicks)

All of the nests are screened from sight of the proposed well by vegetation and topography, including a $1/4 \pm \text{mile}$ chasm separating the nests from the proposed 3-212 well.

During the onsite inspection attended by the Utah Division of Wildlife Resources on May 5, 1999, the UDWR biologist indicated that the proposed location was acceptable because an adequate buffer was established by the distance from the nests combined with vegetative and topographic screening. However, he recommended that seasonal restrictions on construction be imposed.

We propose approving the well to be drilled with the attached stipulations, including seasonal drilling restriction, seasonal workover restriction and post-drilling monitoring to ensure continued stability of the raptor population. We believe this decision would conform with the Price Coalbed Methane Project EIS and ROD, and the USFWS Utah Field Office Guidelines for Raptor Protection from Human and Land Use Disturbances.

Should you believe we should consider other factors, please let us know by July 23, 1999; we intend to issue the permit promptly after that date. My direct number is 801/538-5150. Thank you for your assistance on this matter.

Sincerely,

James D. Cooper Assistant Director

cc. David T. Terry
Chris Colt, DWR
Brad Hill, DOGM
Randy Allen, RGC



State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

July 19, 1999

AMENDED PERMIT APPROVAL

River Gas Corporation 1305 South 100 East Price, Utah 84501

Re:

Utah 03-212 Well, 1187' FNL, 1761' FEL, NW NE, Sec. 3, T. 15 S., R. 9 E., Carbon

County, Utah

Gentlemen:

The above referenced well was previously permitted as a Federal location. In as much as the well was involved in the recent land exchange between the School and Institutional Trust Lands Administration (SITLA) and the Bureau of Land Management (BLM), this Application for Permit to Drill (APD) required additional review and approval. This approval letter serves as an amended and complete approval for the above referenced APD.

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM by the operator and administrative approval of the requested exception location is hereby granted.

The original APD was approved on August 24, 1998. This letter hereby extends the approval date to one year from the date of this letter. This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30468.

Sincerely,

John R. Baza

Associate Director

lwp

Enclosures

cc:

Carbon County Assessor

Bureau of Land Management, Moab District Office

SITLA

Operator: _	River Gas Corporation
Well Name &	& Number:
API Number	r:43-007-30468
Lease:	State Surface Owner: State
Location:	NW NE Sec. 3 T. 15 S. R. 9 E.
	Conditions of Approval
	ervation General Rules, and the applicable terms and provisions of the approved ication for Permit to Drill.
Notif	on Requirements fy the Division of the following actions during drilling of this well: 24 hours prior to cementing or testing casing 24 hours prior to testing blowout prevention equipment 24 hours prior to spudding the well within 24 hours of any emergency changes made to the approved drilling program prior to commencing operations to plug and abandon the well sion contacts (please leave a voice mail message if person is not available to take the call Dan Jarvis at (801) 538-5338 Robert Krueger at (801) 538-5274 (plugging) Carol Daniels at (801) 538-5284 (spud)
3 Reporting	Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- Conductor and surface casing shall be cemented to surface. 4.
- Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the 5. Statement of Basis (copy attached).
- School and Institutional Trust Lands Administration-Oil and Gas Conditions of Approval. 6. (attached)

DIVISION OF OIL, GAS AND MINING



SPUDDING INFORMATION

Name of Company: RIVER GAS CORPORATION
Well Name: UTAH 03-212
Api No. 43-007-30468 Lease Type: STATE
Secton 03 Township 15S Range 09E County CARBON
Drilling Contractor_PENSE BROTHERS DRILLING RIG # 2
SPUDDED:
Date 08/23/99
Time 2:00 PM
How_DRY HOLE
Drilling will commence
Reported by MIKE BRETZKE
Telephone #435-820-1558
Date 08/24/99 Signed: CHD

FORM 9

STATE OF UTAH



D	IVISION OF OIL, GAS AND MIN	NG —			
_		5. Lease	Designation and Serial Number:		
			UTU-50646 6. If Indian, Allottee or Tribe Name:		
SUNDRY NO	TICES AND REPORTS ON	WELLS N/A			
		7 Unit Ad	greement Name:		
	drill new wells, deepen existing wells, or to reenter plug FOR PERMIT TO DRILL OR DEEPEN form for such p	ged and abandoned wells.	nkards Wash UTU-67921X		
1. Type of Well: OIL GAS 🛛 0	OTHER:	8. Well I	Name and Number:		
1. Type of Well. OIL II OAO AI	311LIX.	. Uta	h 3-212		
2. Name of Operator:			Vell Number:		
	Gas Corporation		007-30468		
Address and Telephone Number:	. 4. 100 E. 4 B. LIT 94501 (42	' -	or Pool, or Wildcat: nkards Wash		
4. Location of Well	outh 100 East, Price, UT 84501 (43	5)637-8876 Dia	mkaras wasii		
Footages: 1187' FNL, 17	61' FEL	County:	Carbon		
QQ, Sec., T., R., M.: NW/4, NE/4, S	EC.03, T15S, R09E, SLB&M	State:	UTAH		
	RIATE BOXES TO INDICATE NA	TURE OF NOTICE, REPOR			
		1			
	E OF INTENT it in Duplicate)		QUENT REPORT Original Form Only)		
☐ Abandon	□ New Construction	☐ Abandon *	□ New Construction		
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing :	□ Pull or Alter Casing		
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate		
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare		
☐ Fracture Treat or Acidize	□ Vent or Flare	☐ Fracture Treat or Acidize	□ Water Shut-Off		
☐ Multiple Completion	☐ Water Shut-Off				
☐ Other					
A server describe alata considerable at a t		Date of work completion			
Approximate date work will start		Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.			
 DESCRIBE PROPOSED OR COMPLETED vertical depths for all markers and zones pertine 	OPERATIONS (Clearly state all pertinent details, and gent to this work.)	ive pertinent dates. If well is directionally drilled	give subsurface locations and measured and true		
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See Attached					
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42		; 			
13.					
Η , .	10-11-	Administrativ	re Assistant 9/26/00		
Name & Signature:	Hathaway	Title: Administrativ	ve Assistant Bate: 8/26/99		

(This space for state use only)

River Gas Corporation Utah 3-212 1187' FNL, 1761' FEL NW/4, NE/4, Sec. 3, T15S, R9E CARBON COUNTY, UTAH SURVEYED ELEVATION: 6570' API#43-007-30468

API#45-00/-50400

DRILLING CONTRACTOR: Pense Bros. Rig #2

PAGE 1

DRILLING

Day 1. 8/24/99. Current Depth: 330'. Present Operations: BOP Test. Total Rotating hrs: 3.5. 12:00 pm-1:00 pm Move equip-set up. 1:00 pm-2:00 pm Service equip. **Spud @ 2:00 pm on 8/23/99.** 2:00 pm-5:00 pm Drill to 70', weld and set conductor. 5:00 pm-6:00 pm Set 70' conductor. 6:00 pm-7:00 pm Change to 11" hammer. 7:00 pm -8:00 pm Drilling 11" surface hole. 8:00 pm-9:00 pm TD 11" hole @ 8:30 pm 330', trip out of hole. 9:00 pm-9:30 pm Run 319.4' 8-5/8" surface pipe. 9:30 pm-10:00 pm Mix and pump surface job.

Day 2. 8/25/99. Current Depth: 1620'. Present Operations: Drilling 7-7/8". 7:00 am-8:00 am BOP test. 8:00 am-9:00 am Set up blow line, change to 7-7/8" hammer, RIH. 9:00 am-7:00 pm Drill 7-7/8" hole 650' @ 12:00 pm, 980' @ 2:00 pm, 1280' @ 4:00 pm, 1620' @ 7:00 pm. 7:00 pm-7:00 am Down due to crew problems.

Day 3. 8/26/99. Current Depth: 3110'. Present Operations: Mixing and pumping mud. Total Rotating Hrs: #3 16-1/2 hrs. #4 5 hrs. Total: 21-1/2 hours. 7:00 am-8:00 am TIH. 8:00 am-2:30 pm Drill 1670'-2660'. 2:30 pm-5:00 pm TOOh. 6:00 pm-7:00 pm P/up 7-7/8 tri-cone and drill collars TIH. 7:00 pm-9:30 pm TIH w/ drill pipe. 9:30 pm-10:30 pm Condition hle. 10:30 pm-12:00 am Drill 2660'-2840'. 12:00 am-3:30 am Drill 2840'-3110', **TD @ 3:30 am on 8/26/99.** 3:30 am-5:00 am POOH to 2730. 5:00 am-7:00 am Mix and pump 6 tubs mud.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING **ENTITY ACTION FORM - FORM 6** **OPERATOR** River Gas Corporation 1305 South 100 East **ADDRESS** Price, UT 84501

CONFIDENTIAL OPERATOR ACCT. NO._

	ODE	ENTITY NO.	NEW NO	API NUMBER	WELL NAM	/IE			WELL L	OCATIO	N	SPUD DATE	EFFECTIVE
							QQ	SC	TP	RG	COUNTY		DATE
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											CUN	VFIDENTI	ΔI
												** 10=:***	f May
	В	99999		43-007-30295	Utah 3-214		SW/SW	03	15S	09E	Carbon	8/13/99	
W	ELL 2 C	COMMENTS:	99083	1 entity ad	ded; (Drunkards	Wash uffek	2 "A-	0")1	LAR				L
				f		·					OOUT	INCLITIAL	
L											LUNF	IDENTIAL	•
В		11250	, , , , , , , , , , , , , , , , , , ,	43-007-30499	USA 09-295		NE/NE	09	148	09E	Carbon	7/17/99	
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	Α	Establish ne	aw entity for n	ew well (single well or	nly)	DIV. OF O	II CA	S 2 M	INING		Frankie Hatha	way	
	С	: - Re-assign v	vell from one	entity (group or unit w existing entity to anot	her existing entity	DIV. Ut U	L, UA	O OK II			Signature		
	E) - Re-assign v Other (expla	vell trom one o ain in commer	existing entity to a new nts section)	w entity	-					Administrative A		6/99
NO	TE: Use	COMMENT S	section to expl	lain why each Action (Code was selected						Title	Dat	te
			to exp	, 54011 10110111	out was sciented.						Phone No. (43	5)637-8876	

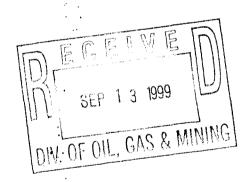
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STATE OF LITAH



1 ONW 9	STATE OF STATE		(QQ11) (BB111111
DI	IVISION OF OIL, GAS AND MIN	ING .	ਹੈ. Lease Designation and Serial Number:
	TICES AND REPORTS ON		6. If Indian, Allottee or Tribe Name: N/A 7. Unit Agreement Name:
Do not use this form for proposals to o	drill new wells, deepen existing wells, or to reenter plu FOR PERMIT TO DRILL OR DEEPEN form for such p	gged and abandoned wells. proposals.	N/A
1. Type of Well: OIL GAS 🖾 C			8. Well Name and Number: Utah 9-412
2. Name of Operator:			9. API Well Number:
River	Gas Corporation		43-007-30580
3. Address and Telephone Number:	-		10. Field or Pool, or Wildcat:
	outh 100 East, Price, UT 84501 (43	<u>5)637-8876</u>	Wildcat
4. Location of Well Footages: 1102' FSL, 101	8' FWL		county: Carbon
QQ, Sec., T., R., M.: SW/4, SW/4, S	EC.9, T15S, R10E, SLB&M		State: UTAH
11. CHECK APPROPE	RIATE BOXES TO INDICATE NA	ATURE OF NOTICE, F	REPORT, OR OTHER DATA
	E OF INTENT tin Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)
□ Abandon	□ New Construction	☐ Abandon *	□ New Construction
☐ Repair Casing	□ Pull or Alter Casing	☐ Repair Casing .	· □ Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate
□ Convert to Injection	☐ Reperforate	☐ Convert to Injection	
☐ Fracture Treat or Acidize	□ Vent or Flare	☐ Fracture Treat or Ac	
☐ Multiple Completion	□ Water Shut-Off		ort
□ Other		Date of work completion	1 <u> </u>
Approximate date work will start		Report results of Multiple COMPLETION OR RECOMPLE	Completions and Recompletions to different reservoirs on WELL TION REPORT AND LOG form.

See Attached



Frankie Hathaway (NYO n. b. a. 2/2+ba. V Administrative Assistant 9/3/1	13.							
Name & Signature:	Name & Signature:	Frankie Hathaway	Hankie	Hathan	My Title	Administrative Assi	istant	ate: 9/3/1999

(This space for state use only)

^{12.} DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DAILY WELL REPORT

River Gas Corporation Utah 9-412 1102' FSL, 1018' FWL SW/4, SW/4, Sec. 9, T15S, SLB&M CARBON COUNTY,UTAH SURVEYED ELEVATION: 5646'

API#43-007-30580

DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 1

DRILLING

Day 1. 9/1/99. Current Depth: 190'. Present Operations: RIH to drill cement. Total Rotating Hrs: 3. 7:00 am-12:00 pm Move equip.. 12:00 pm-2:00 pm RU service equip. **Spud @ 2:00 pm on 8/31/99.** 2:00 pm-3:00 pm Drill and set 12' of conductor, NU. 3:00 pm-4:00 pm Drilling 11" hole. 4:00 pm-5:00 pm Drill 11: hole to 190', TOOH. 5:00 pm-6:30 pm, Set 177' of 8-5/8 24# J-55 csg., wait for cementers. 6:30 pm-7:00 pm RU cementers. 7:00 pm-7:20 pm Run cement job, close v/v @ 7:20 pm. 7:20 pm-3:20 am WOC. 3:20 am- 4:30 am Test BOP. 4:30 am-5:00 am Hook up blow line, change bits to 7-7/8" hammer. 5:00 am-6:00 am NU, TIH. 6:00 am-7:00 am Drill Cement.

Day 2. 9/2/99. Current Depth: 1460'. Present Operations: RU Ross to run 5-1/2". Total Rotating Hrs: 11. 7:00 am-4:00 pm Drilling 7-7/8" hole, 200' @ 7:00 am, 800' @ 10:30 am, 980' @ 11:20 am; **TD 1460' @ 3:20 pm.** 4:00 pm -5:00 pm Clean hole and pull rods. 5:00 pm-7:00 pm RU PSI, log hole, RD loggers. Shut down until 7:00 am to run csg.

Day 3. 9/3/99. Current Depth: 1460'. Present Operations: running scraper. Total Rotating Hrs: 11. 7:00 am- 9:00 am Move on location and R/up wall flowing gas. 9:00 am-11:00 am Set racks unload casing and R/up Dowell to kill well. 11:00 am-12:00 pm Mix and pump 20 bbl gell pill @ ½ BPM S/in and set then bled off gas. 12:00 pm- 1:00 pm RIH w/ float short 33 jts 5-1/2 casing land casing @ 1434. 1:00pm- 2:00 pm cement 5-1/2 casing p/down @ 1:54 pm 9/2/99 5 bbl good cement to surface. 2:00 pm-2:30 pm R/down Dowell and S/down.



CONFIDENTIAL

FORM 9	STATE OF UTAH		
D	IVISION OF OIL, GAS AND MIN	ING	
			5. Lease Designation and Serial Number:
SUNDRY NO	TICES AND REPORTS ON	IWELLS	6. If Indian, Allottee or Tribe Name:
SUNDRY NO	ICES AND REPORTS ON	A AACTES	: N/A
Do not use this form for proposals to a	drill new wells, deepen existing wells, or to reenter plu	grand and abandoned wells	7: Unit Agreement Name:
	FOR PERMIT TO DRILL OR DEEPEN form for such		· N/A
1. Type of Well: OIL ☐ GAS 🖾 C	OTHER:		8. Well Name and Number: Utah 3-212
2. Name of Operator:			9. API Well Number:
	Gas Corporation		43-007-30468
3. Address and Telephone Number:	4 100 E 4 B. LIT 94501 (46	05) (27, 007)	19. Field or Pool, or Wildcat: Drunkards Wash
4 Location of Well	outh 100 East, Price, UT 84501 (43	33)637-8876	Didikards Wash
Footages: 1187' FNL, 176			County: Carbon
QQ, Sec., T., R., M.: NW/4, NE/4, S			State: UTAH
11. CHECK APPROPR	RIATE BOXES TO INDICATE NA	ATURE OF NOTICE, F	REPORT, OR OTHER DATA
	OF INTENT in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)
☐ Abandon	□ New Construction	☐ Abandon *	□ New Construction
☐ Repair Casing	□ Pull or Alter Casing	☐ Repair Casing	Pull or Alter Casing
☐ Change of Plans	□ Recomplete	Change of Plans	□ Reperforate
□ Convert to Injection	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare
☐ Fracture Treat or Acidize	□ Vent or Flare	☐ Fracture Treat or Ad	
☐ Multiple Completion	☐ Water Shut-Off	Other Weekly Rep	ort
□ Other		Date of work completion	
Approximate date work will start		l '	Completions and Recompletions to different reservoirs on WELL
Approximate date work will etail		COMPLETION OR RECOMPLE	
		give pertinent dates. If well is direction	onally drilled, give subsurface locations and measured and true
vertical depths for all markers and zones pertined. See Attached	it to this work.)	DIV. OF OIL, GAS	1999 DO

Name & Signature: Frankie Hathaway Tithe: Hathaway Title: Administrative Assistant Date: 9/3/1999

(This space for state use only)

River Gas Corporation Utah 3-212 1187' FNL, 1761' FEL NW/4, NE/4, Sec. 3, T15S, R9E CARBON COUNTY, UTAH SURVEYED ELEVATION: 6570' API#43-007-30468

DRILLING CONTRACTOR: Pense Bros. Rig #2

PAGE 1

DRILLING

Day 1. 8/24/99. Current Depth: 330'. Present Operations: BOP Test. Total Rotating hrs: 3.5. 12:00 pm-1:00 pm Move equip-set up. 1:00 pm-2:00 pm Service equip. Spud @ 2:00 pm on 8/23/99. 2:00 pm-5:00 pm Drill to 70', weld and set conductor. 5:00 pm-6:00 pm Set 70' conductor. 6:00 pm-7:00 pm Change to 11" hammer. 7:00 pm -8:00 pm Drilling 11" surface hole. 8:00 pm-9:00 pm TD 11" hole @ 8:30 pm 330', trip out of hole. 9:00 pm-9:30 pm Run 319.4' 8-5/8" surface pipe. 9:30 pm-10:00 pm Mix and pump surface job.

Day 2. 8/25/99. Current Depth: 1620'. Present Operations: Drilling 7-7/8". 7:00 am-8:00 am BOP test. 8:00 am-9:00 am Set up blow line, change to 7-7/8" hammer, RIH. 9:00 am-7:00 pm Drill 7-7/8" hole 650' @ 12:00 pm, 980' @ 2:00 pm, 1280' @ 4:00 pm, 1620' @ 7:00 pm. 7:00 pm-7:00 am Down due to crew problems.

Day 3. 8/26/99. Current Depth: 3110'. Present Operations: Mixing and pumping mud. Total Rotating Hrs: #3 16-1/2 hrs. #4 5 hrs. Total: 21-1/2 hours. 7:00 am-8:00 am TIH. 8:00 am-2:30 pm Drill 1670'-2660'. 2:30 pm-5:00 pm TOOh. 6:00 pm-7:00 pm P/up 7-7/8 tri-cone and drill collars TIH. 7:00 pm-9:30 pm TIH w/ drill pipe. 9:30 pm-10:30 pm Condition hle. 10:30 pm-12:00 am Drill 2660'-2840'. 12:00 am-3:30 am Drill 2840'-3110', **TD** @ 3:30 am on 8/26/99. 3:30 am-5:00 am POOH to 2730. 5:00 am-7:00 am Mix and pump 6 tubs mud.

Day 4. 8/27/99. Current Depth: 3110'. Present Operations: R/up to run 5-1/2" casing. Total Rotating Hrs: 21-1/2. 7:00 am-8:30 am Circulate back to bottom. 8:30 am- 10:30 am Circulate on bottom. 10:30 am-11:15 am Short trip. 11:15 am- 12:15 am Circulate on bottom. 12:15 am- 4:00 pm TOOh. 4:00 pm- 4:15 pm R/up logger. 4:15 pm- 6:15 pm Log well. 6:15 pm- 6:30 pm R/down loggers release rig @ 6:30 pm 8/26/99. 6:30 pm-8:00 pm R/down and move to next location. 8:00 pm-7:00 am No activity.

Day 5. 8/28/99. Current Depth: 3110'. Present Operations: Waiting to run scraper. 7:00 am-9:30 am Spot rig, spot catwalk and pipe racks, unload csg, remove thread protectors, tally pipe. 9:30 am-12:30 pm wait for anchors to be set. 12:30 pm-3:00 pm RU, prepare to run csg, PU 5-1/2" casing shoe and 72 jts 5-1/2" 17# N-80 csg. Land @ 3099.22. RU Dowell to cement. 3:00 pm-4:00 pm Run cement job. Bump olug @ 4:07 pm 8/27/99.

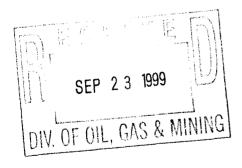
8/29/99. Scraper Run. N/down BOP and R/up well head. P/up 4-3/4 nom casing scraper + 100 jts 2-7/8 tbg tag fill @ 3093 (6' fill) POOH laying tbg down on trailer rig down and move off location.

FORM 9

STATE OF UTAH

CONF	IDENT	ΓΙΔΙ
COM	IULIVI	IUL

			OO111 100111111111
D	DIVISION OF OIL, GAS AND MIN		5. Lease Designation and Serial Number:
SUNDRY NO	TICES AND REPORTS (ON WELLS	6. If Indian, Allottee or Tribe Name: N/A
	drill new wells, deepen existing wells, or to reente FOR PERMIT TO DRILL OR DEEPEN form for st		7. Unit Agreement Name: N/A
1. Type of Well: OIL 口 GAS 図 (OTHER:		8. Well Name and Number: Utah 3-212
2. Name of Operator:			9. API Well Number:
River	Gas Corporation		43-007-30468
3. Address and Telephone Number:			10. Field or Pool, or Wildcat:
1305 S	outh 100 East, Price, UT 84501	(435)63 <u>7-887</u> 6	Drunkards Wash
4. Location of Well Footages: 1187' FNL, 17	61' FEL		county: Carbon
QQ, Sec., T., R., M.: NW/4, NE/4, S	EC.3, T15S, R9E, SLB&M		State: UTAH
11. CHECK APPROPE	RIATE BOXES TO INDICATE	NATURE OF NOTICE,	, REPORT, OR OTHER DATA
	E OF INTENT		SUBSEQUENT REPORT :: (Submit Original Form Only)
□ Abandon	□ New Construction	☐ Abandon *	□ New Construction
☐ Repair Casing	□ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	on
☐ Fracture Treat or Acidize	□ Vent or Flare	☐ Fracture Treat or	Acidize □ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	Other Weekly Received Other Wee	eport
□ Other			
		Date of work completi	ion
Approximate date work will start			iple Completions and Recompletions to different reservoirs on WELL PLETION REPORT AND LOG form.
		and give pertinent dates. If well is dire	ectionally drilled, give subsurface locations and measured and true
vertical depths for all markers and zones pertine	ent to this work.)		:
~			·
See Attached			
			<u> </u>



Oxantie Hathausa Date: 9/17/1999 Name & Signature: Frankie Hathaway Administrative Assistant

(This space for state use only)

13.

River Gas Corporation Utah 3-212 1187' FNL, 1761' FEL NW/4, NE/4, Sec. 3, T15S, R9E CARBON COUNTY, UTAH SURVEYED ELEVATION: 6570'

API#43-007-30468

DRILLING CONTRACTOR: Pense Bros. Rig #2

PAGE 1

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River Gas Corporation Utah 3-212 1187' FNL, 1761' FEL NW/4, NE/4, Sec. 3, T15S, R9E CARBON COUNTY, UTAH SURVEYED ELEVATION: 6570'

API#43-007-30468

DRILLING CONTRACTOR: Pense Bros. Rig #2

PAGE 2

DRILLING

Daily Completion Report. 9/15/99. Rig up Halliburton. Perforate and frac three zones:

Zone 1: 2856'-2860', 2860'-2871', 2876'-2879' Zone 2: 2789'-2793', 2796'-2804', 2836'-2846

Zone 3: 2714'-2722', 2758'-2772'

9/16/99. Daily Report. Move in, rig up rig-tally pickup run in hole with retrieving head and tbg. Tag fill @ 2680' 100 ' fill. Clean to plug at 2780', release plug. Pull tbg out lay down plugpickup run retrieving head and tbg and sand pump to 2803'. SDFN.

9/17/99. Daily report. Run tbg-tag fill at 2835' 15' fill clean to plug at 2850' couldn't latch plug. Pull tbg out-run sand pump and tbg tag fill at 2840' 10' fill clean to 2850', release plug-pull tbg-laydown plug-pickup run sand pump and tbg-tag fill at 3063' 35' fill -clean to PBTD @ 3098' pull tbg, laydown pump PU run 2-7/8 bullplug-1jt tbg-4'x2-7/8 perf sub-seat nipple 94 jts tbg-land tbg-nipple down BOP's NU wellhead pickup run 2-1/2x2x16 RWAC pump 68-3/4" rods, 48-7/8" rods, 1-8'x7/8 1-6'x7/8 1-2'x7/8 subs 1-1/2 x 22' polish rod with 1-2'x7/8" sub on top-hang off rods -rig down rig-move rig.

□ Other _



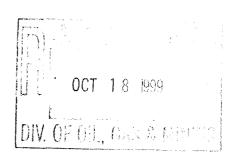


	5 5				
Ī	DIVISION OF OIL, GAS AND	MINING	- · · · · · ·	(0.11)	
			5. Lease Designation	n and Serial Number:	
SUNDBY NO	TICES AND REPORTS	ONWELLS	6. If Indian, Allottee	or Tribe Name:	
SUNDATING	TICES AND REPORTS	ON WLLLS	N/A		
Do not use this form for proposals t	o drill new wells, deepen existing wells, or to reen	ster nivered and abandaned wells	7. Unit Agreement N	lame:	
	N FOR PERMIT TO DRILL OR DEEPEN form for		N/A		
1. Type of Well: OIL GAS 🛛	OTHER:		8. Well Name and I		
1. Type of Well.			Utah 3-212		
2. Name of Operator:			9. API Well Number	r:	
Rive	r Gas Corporation		43-007-304	468	
3. Address and Telephone Number:			10. Field or Pool, or		
1305	South 100 East, Price, UT 84501	(435)637-8876	Drunkards	Wash	
4. Location of Well 1187' FNL, 1	761, EEI			···	
Footages: 1187 TINE, 1	701 PEL		county: Carbo	n	
QQ, Sec., T., R., M.: NW/4, NE/4,	SEC.03, T15S, R9E, SLB&M		· State: UTAF	<u> </u>	
11. CHECK APPROP	RIATE BOXES TO INDICATE	E NATURE OF NOTICE	, REPORT, OR	OTHER DATA	
	CE OF INTENT nit in Duplicate)		SUBSEQUENT F		
☐ Abandon	☐ New Construction	☐ Abandon *	. [☐ New Construction	
☐ Repair Casing	Pull or Alter Casing	☐ Repair Casing	. [Pull or Alter Casing	
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	; [☐ Reperforate	
□ Convert to Injection	□ Reperforate	☐ Convert to Inject	tion [J Vent or Flare	
☐ Fracture Treat or Acidize	Vent or Flare	☐ Fracture Treat o	r Acidize [☐ Water Shut-Off	
☐ Multiple Completion	□ Water Shut-Off	rX OtherSpud Not	ice		

Date of work completion

Date Spud: 8/23/1999 @ 2:00 pm. Drilling Contractor: Pense Bros. Rig#2

Approximate date work will start

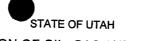


Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

		,	1.			
Name & Signature:	Frankie Hathaway	Mankie	Hathaway	- Title:	Administrative Assistant	Date: 10/8/1999
Traine & dignalarer			-			

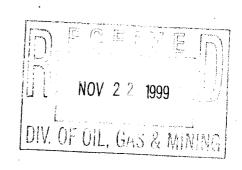
(This space for state use only)

^{12.} DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)



CONFIDENTIAL

	DIVISION OF OIL GAS AND	1411111	TO LIVING
	DIVISION OF OIL, GAS AND	WINING	5. Lease Designation and Serial Number:
	_		UTU-50646
SUNDRY N	OTICES AND REPORTS	ON WELLS	6. If Indian, Allottee or Tribe Name:
	O HOLO AND NEI ONTO	OIA WELLS	···
Do not use this form for proposals	s to drill new wells, deepen existing wells, or to reen		N/A 7. Unit Agreement Name:
Use APPLICAT	ION FOR PERMIT TO DRILL OR DEEPEN form for	er plugged and abandoned wells.	
Type of Well: OIL GAS		Table proposals.	Drunkards Wash UTU-67921X
	U OTTILIA.		
Name of Operator:			Utah 03-212 9. API Well Number:
Riv	er Gas Corporation		
Address and Telephone Number:	- Sup Octporation		43-007-30468 10. Field or Pool, or Wildcat:
1305	South 100 East, Price, UT 84501	(435)637-9976	i i
Location of Well	200 200 11100, 01 04301	(433)037-8870	Drunkards Wash
Footages: 1187' FNI	L, 1761' FEL		County: Carbon
QQ, Sec., T., R., M.: NIW/// NIE	C/A SEC 02 TISS BOOK SURGE	-	Carbon
CHECK APPRO	2/4, SEC.03, T15S, R09E, SLB&M	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	State: UTAH
	PRIATE BOXES TO INDICATE	NATURE OF NOTICE,	REPORT, OR OTHER DATA
	CE OF INTENT		SUBSEQUENT REPORT
	mit in Duplicate)	1	(Submit Original Form Only)
3 Abandon	□ New Construction	☐ Abandon *	□ New Construction
I Repair Casing	Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
Change of Plans	☐ Recomplete	☐ Change of Plans	•
Convert to Injection	☐ Reperforate	☐ Convert to Injection	
Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or A	— voint of that
Multiple Completion	□ Water Shut-Off		Acidize □ Water Shut-Off e Notice
Other		- Other	
		Date of work completio	n
pproximate date work will start		Report results of Multiple	e Completions and Recompletions to different
		COMPLETION OR RECOMPLE	ETION REPORT AND LOG form.
DESCRIBE PROPOSED OR COMPLETE	OPERATIONS (OF selection)	<u> </u>	
ical depths for all markers and zones pertir	orer of this work.)	and give pertinent dates. If well is direct	ionally drilled, give subsurface locations and measured and true
	online and showed first production		
II = II = II as placed	ommo and showed that productio	II 7/44/ 77 .	
			•



13.								
Name & Signature:	Frankie Hathaway	Frankie	Hathaway	Tit!	tle: _A	Administrative Asst.	Date: 1	1/18/99
(This space for sta	to use entul							

STATE OF UTAH

CONFIDENTIAL

3110' 3099' HOW MANY N/A DRILLED BY TO TD N/A	WELL COMPLETION OR RECOMPLETION REPORT AND LOG N/A	
THE OF WELL WITH STATE OF THE COMPLETION OF THE	la TYPE OF WELL: OIL GAS AIV/A	ALLOTTEE OR TRIBE NAME
THE OF WELL WITH STATE OF THE COMPLETION OF THE	Ia TYPE OF WELL: OIL GAS AIV/A	
STYPE CONSIDERING PRE PRUS		
SADDRESS OF OPERATOR SANCE OPERAT	6. TYPE OF COMPLETION: CONFIDENTIAL	
TAMES OF OPERATOR	WELL X OVER BACK RESVER OF DEPOS	
3. ADDRESS OF OFERATOR 3. ADDRESS OF OFERATOR 1.00 FRATOR 1.00 F	2. NAME OF OPERATOR EXPIRED	
1.1 1.1	RIVER GAS CORPORATION 9, WELL NO.	
A THERE 1187 FNL, 1761 FEL	03-212	
Drunkards Wash Drunkards Drunkards Wash Drunkards Wash Drunkards Drunkards Wash Drunkards Wash Drunkards		POOL, OR WILDCAT
AN TOP PORT INTERVALLS, OF FIRS COMPLETION—TOP BOTTOM MANE MID OR 174D 19. DATE SPUDDED 10. DATE ISSUED 14. APRINO, 15. BELEVATIONS (OF, REB. RT, CR. ECT.) 19. ELEV. CASINGEAD 19. ELEV. C	clearly and in accordance with any State requirements)	
14 APINO. DATE ISSUED SL. B&M 14 APINO. DATE ISSUED Carbon Utah St. Date ISSUED Carbon Utah St. Date ISSUED Utah St. Date ISSUED St. COUNTY St. Date Issued St.	OR AREA	
14. API NO.		E/4, Sec 03, T15S, R0
10 ATT PUDDED 10 ATT D. REACKIED 17 DATE COMPL. (Reach to prod.) 18 ELEVATIONS OF, REB. RT. GR. ETC.) 19 ELEV. CASINGRIAN	14. API NO. DATE ISSUED 12. COUNTY	13. STATE
8/23/99 8/26/99 9/14	Caluoli	
20 TOTAL DEPTH, MD & TVD 21 PLUG BACK T D, MD & TVD 3099' 22 TR MALTPIL COMPL. 120 TOTAL 120 TOTAL 13099' 140 TOTAL 140	8/23/99 S/26/00 REB, RT, GR, ETC.)	Į.
### REPRODUCTION PRODUCTION	0. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS ROTA	
Ferron Coal - Top Coal 3494' & Bottom Coal 3658' 3 Type Electric And other Logs Run Linding Electric And other Logs Run Casing Record Density, & Neutron	N/Δ	TD N/A
Style Electric And Other Loss Run CL Style Electric Comp 27 MAS WELL CORED NO Style Bland analysis) See reverse side)		25. WAS DIRECTIONAL SURVEY MADE
Date	TYPE ELECTRIC AND OTHER LOGS RUN	
CASING SIZE WEIGHT, LB.FT. DEPTH SET (MD) HOLE SIZE CEMENT RECORD AMOUNT PULLED	Sual Induction, Laterolog, SFF, GR, Caliper, Comp Density, & Neutron DRILL STEM TEST YES NO	(See reverse side)
12 3/4" Conductor 70' 15" 125 SXS Class G, 2% S1+174#per Sack D29	CASING RECORD (Report all strings set in well)	
8 5/8" 24# 319' 11" 125 SXS CIASS G, 2% ST=174#per SACK D29 5 1/2" 17# 3099' 7 7/8" 295XS 30/50 POZ8%DZ0,10%D44, 174#/SKD29 6 5SKS tail T0-1 RFC 6 LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) PREFORATION RECORD (Interval, size and Interval) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 12 -7/8" 3093' N/A 132 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 14 - 2-722', 2758'-2772' 4spf. 88" DEPTH INTERVAL AMD AMOUNT AND KIND OF MATERIAL USED 15 - 45 - 45 - 45 - 45 - 45 - 45 - 45 -	CEMENT RECORD	AMOUNT PULLED
17# 3099' 77/8" 2958XS 50/50 POZ8%D2U,10%D44,1/4#/SKD29 658KS tail 10-1 RFC		
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)	1795eys 50/50 PD7/X9/4170 109/1744 1/49/61/17	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)	3077	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)	LINER RECORD	ORD
2-7/8" 3093' N/A	SIZE TOP (MD) POTTOM (MD) A CACKE SELVENCE	
Perforation record (Imerval, size and Immber) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	2-7/8" 2002	21/4
Action South Sou		
Aiddle: 2789'-2793', 2796'-2804', 2812'-2832', 2836'- 2846' 20wer: 2856'-2860', 2867'-2871', 2876'-2879' PRODUCTION Producing or shirting or shirt	ACID, SHOT, PRACTURE, CEMENT S	QUEEZE,ETC.
Aspf .88" Aspf	£111 00001 00001 0001 0001 0001	F MATERIAL USED
Aspf. 88" Lower 2856'-2879' Lower 2856'-	2846' Asnf 88" Middle 2780' 2846' 82.000#, 16/30; 32,491 g	al fluid
PRODUCTION TE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" x 2" x 16' RWAC TE OF TEST HOURS TESTED CHOKE SIZE PROD'N, FOR OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO Producing Producing MELL STATUS (Producing or Shut-in) Producing Producing Producing As-OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO DISPOSITION OF GAS (Sold,used for fuel, ted, etc.) SOLD Jerry H. Dietz	Lower: 2856'-2860' 2867'-2871' 2876'-2870' Appf 98" Lower 2856' 2870' 122,000#, 10/30', 41,383	gal fluid
TE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" x 2" x 16' RWAC TE OF TEST HOURS TESTED CHOKE SIZE PROD'N, FOR OIL.—BBL. GAS.—MCF. WATER.—BBL. GAS.—OIL RATIO Producing Producing PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Producing Producing Producing OIL.—BBL. GAS.—MCF. WATER.—BBL. GAS.—OIL RATIO Producing OIL.—BBL. GAS.—MCF. WATER.—BBL. OIL GRAVITI - API (CORR.) AT A 19 370 N/A DISPOSITION OF GAS (Sold.used for fuel, ted. etc.) SOLD Jerry H. Dietz		ar riuiu
Pumping - 2 1/2" x 2" x 16' RWAC Shul-inj Producing	PRODUCTION	· · · · · · · · · · · · · · · · · · ·
Pumping - 2 1/2" x 2" x 16' RWAC Producing	,	
2/24/99 24hrs. TEST PERIOD N/A 19 370 OUN TUBING PRESS. CASING PRESSURE 45 OIL CARTED AT A 19 A	P/24/99 Pumping - 2 1/2" x 2" x 16' RWAC TE OF TEST HOURS TESTED 1 CHAPT SIZE 1 PROPERTY OF THE PROPERTY OF T	hut-in)
OW. TUBÍNG PRESS. 47 45 DISPOSITION OF GAS (Sold,used for fuel, ted, etc.) SOLD CASING PRESSURE 44-HOUR RATE OILBBL. GASMCF. WATERBBL. OIL GRAVITI - API (CORR.) N/A 19 Jerry H. Dietz	7/24/00 GASMCF. WATERBBL.	GAS-OIL RATIO
DISPOSITION OF GAS (Sold,used for fuel, ed, etc.) SOLD N/A 19 370 N/A TEST WITNESSED BY Jerry H. Dietz	DW. TUBING PRESS. CASING PRESSURE CALCULATED OILBBL. GASMCF. WATERBBL.	OIL GRAVITI - API (CORR.)
SOLD Jerry H. Dietz	DISPOSITION OF GAS (Sold) used for fuel	
JOHY II. DICK	ted, etc.)	TEST WITNESSED BY
	John Jil. Diole	· · · · · · · · · · · · · · · · · · ·
hereby certify that the foregoing and attached inforfaction is complete and correct as determined from all available records	NED Jean Semborski Lin Suntrille Permit Specialist DATE Novem	iber 16, 1999

FORMATION TOPS PER TELECON WITH FRANKIE HATHAWAY ON 10/13/2000

FERRON COAL INTERVAL: 2718-2846

FERRON

2708

BETONITE

2544

TUNUCK

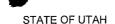
2986

□ Repair Casing

Change of Plans

Convert to Injection

Fracture Treat or Acidize



ORIGINAL CONFIDENTIAL

□ Reperforate

Vent or Flare

Water Shut-Off

Recomplete

Reperforate

Vent or Flare

	DIVISION OF O						
	DIVISION OF O	IL, GAS AND MINI	NO		5. Lease Designation and Serial	Num	oer:
					ML - 48179		
CHND	RY NOTICES AND	REPORTS ON	WE	IIS	6. If Indian, Allottee or Tribe Nan	ne:	
30110	IN NOTICES AND	ICEI OICIO OIC	***	LLO	_N/A		
Do not use this form f	for proposals to drill new wells, deepen e	evisting wells or to reenter plug	ned and	l abandoned wells.	7. Unit Agreement Name:		
Use	UTU67921X Drunkards Wash						
1. Type of Well: OIL 🛛 GA	O M OTHER				8. Well Name and Number:		
1. Type of Well: OIL LI GA	S M OTHER.				Utah 03-212		
2. Name of Operator:					9. API Well Number:		
·	River Gas Corporation	on			43-007-30468		
3. Address and Telephone Numl	ber:				10. Field or Pool, or Wildcat:		-
	6825 South 5300 West,	P.O. Box 851, Price, U	Г 845	601 (435) 613-9777	Drunkards Wash		
4. Location of Well Footages: County: 11	187' FNL, 1761' FEL				Carbon Coun	ıty	
QQ, Sec., T., R., M.: State: N	W/NE SEC. 03, T15S, R0	9E, SLB & M			Utah		
11. CHECK APPROF	PRIATE BOXES TO INC	DICATE NATURE	OF N	OTICE, REPORT	, OR OTHER DATA		
	NOTICE OF INTENT (Submit in Duplicate)				SUBSEQUENT REPORT (Submit Original Form Only)		_
☐ Abandon		New Construction		Abandon *			New Construction
☐ Repair Casing		Pull or Alter Csg		Repair Casing			Pull or Alter Csg

Chemical/Flush Treatment ☑ Other Water Shut-Off Multiple Completion 05/02/2000 Date of work completion □ Other Approximate date work will start Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

☐ Change of Plans

□ Convert to Injection

☐ Fracture Treat or Acidize

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 05/02/00.



JUL 0 3 2000

DIVISION OF OIL, GAS AND MINING

13.			
Name & Signature: Rochelle Crabtree	Pocho De Cecolton	Administrative Assistant	Date: 06/28/2000

(This space for state use only)

^{12.} DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)



FORM 9	STA	TE OF UTAH	REVIOUS	ИNП	
	DIVISION OF C	DIL, GAS AND MINI		Lease Designation and Serial Num	phor:
				ML - 48179	iber.
CLIA	NDRY NOTICES AND	DEDODTS ON	WELLS	6. If Indian, Allottee or Tribe Name:	
50r	NDRT NOTICES AND	KEPUK 13 UN	WELLS	N/A	
Do not use this fo	orm for proposals to drill new wells, deepen	existing wells, or to reenter plugg	red and ahandoned wells	7. Unit Agreement Name:	
Do not use this to	Use APPLICATION FOR PERMIT TO DRI	LL OR DEEPEN form for such pr	onosals.	UTU67921X Drunka	ards Wash
1. Type of Well: OIL 🗆 (GAS Ø OTHER		VEITENTINI	8. Well Name and Number:	
1. Type of Well. OTE LI	er de la criticità.		11 IDTIALIHE	Utah 03-212	
2. Name of Operator:	River Gas Corporati	on		9. API Well Number;	
		OII		43-007-30468	
Address and Telephone N	lumber: 6825 South 5300 West	P.O. Box 851 Price III	Г 84501 (435) 613-9777	10. Field or Pool, or Wildcat:	
			1 0+301 (+33) 013-3711	Drunkards Wash	
Location of Well Footages: County:	1187' FNL, 1761' FEL			Carbon County	
QQ, Sec., T., R., M.: State:	NW/NE SEC. 03, T15S, R0	9E, SLB & M		Utah	
11. CHECK APPR	OPRIATE BOXES TO INI	DICATE NATURE C	F NOTICE, REPORT,	OR OTHER DATA	
	NOTICE OF INTENT		_	UBSEQUENT REPORT	
□ Abandan	(Submit in Duplicate)	New Construction	☐ Abandon *	(Submit Original Form Only)	New Construction
☐ Abandon ☐ Repair Casing		Pull or Alter Csg	☐ Repair Casing		Pull or Alter Csg
☐ Change of Plans		Recomplete	☐ Change of Plans	_	Reperforate
☐ Convert to Inject		Reperforate	☐ Convert to Injection		Vent or Flare
☐ Fracture Treat o		Vent or Flare	☐ Fracture Treat or Acid	ize 🗆	.
☐ Multiple Comple	tion 🔲	Water Shut-Off	Other _ Chemical	Flush Treatment	
□ Other			Date of work completion _	05/02/2	2000
Approximate date wo	ork will start				
			Report results of Multiple Completi COMPLETION OR RECOMPLETION	ions and Recompletions to different res ON REPORT AND LOG form.	servoirs on WELL
			* Must be accompanied by a ceme	ent verification report.	
12 DESCRIPE PROPOSED	OR COMPLETED OPERATIONS (Clearly	etate all portinent details, and aiv	o portinant datas. If wall is directional	the drillad give authourford locations on	d managed and to
	and zones pertinent to this work.)	state all pertinent details, and giv	e perunent dates. II well is directional	lly drilled, give subsurface locations an	d measured and true
	se be advised that the above		nemically treated with 40	00 gailons of low Ph fluid	and
250 g	gallons of 7 1/2% HCL on 03	5/02/00.			

13.						
		\bigcirc .	^ ^ ·			
Name & Signature:	Rochelle Crabtree	Varela 0000	Coching	Administrative Assistant	Date:	06/28/2000
Ivanie a orginature.	110421410110	COCOLARA.	<u> </u>	Transmitter of resident	Date.	00,20,200

(This space for state use only)

Accepted by the Utah Parinten of Oil, Can Dillining

For headens only

wtc

FORM 9 STATE OF UTAH	
DIVISION OF OIL, GAS AND MININ	5 Lease Designation and Serial Number:
SUNDRY NOTICES AND REPORTS ON	WELLS 6 If Indian, Allottee or Tribe Name:
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugger. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such pro	
Type of Well: OIL GAS 🖾 OTHER:	8 Well Name and Number:
2 Name of Operator: River Gas Corporation	9 API Well Number:
3 Address and Telephone Number: 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (43	10 Field or Pool, or Wildcat: (5) 613-9777
Location of Well Footages: QQ, Sec , T , R , M : SLB & M	County: Carbon County State: Utah
CHECK APPROPRIATE BOXES TO INDICATE NAT	TURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
□ Abandon □ New Construction □ Repair Casing □ Pull or Alter Casing □ Change of Plans □ Recomplete □ Convert to Injection □ Reperforate □ Fracture Treat or Acidize □ Vent or Flare □ Multiple Completion □ Water Shut-Off □ Other Change of Operator Approximate date work will start □	□ Abandon * □ New Construction □ Repair Casing □ Pull or Alter Casing □ Change of Plans □ Reperforate □ Convert to Injection □ Vent or Flare □ Fracture Treat or Acidize □ Water Shut-Off □ Other □ Date of work completion □ Pull or Alter Casing □ Report results of Multiple Completions and Recompletions to different reservoirs on WELL
	COMPLETION OR RECOMPLETION REPORT AND LOG form Must be accompanied by a cement verification report
12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and giverlical depths for all markers and zones pertinent to this work) Please be advised that River Gas Corporation is transferring ow Company 9780 Mt. Pyramid Court, Englewood, CO 80112. Please direct all correspondence and reports to: Phillips Petrole	vnership of the attached list of wells to Phillips Petroleum

3368.

Effective 1/1/01

13		1/		
		0111-11		, ,
Name & Signature:	Cal Huett	Cal boll	Title: Development Manager	Date: 12/19/00
Name & Signature:	Jai Huru	we		
		·		

(This space for state use only)

Drunkards Wash Total Well Count

(Through 2000 Drilling Season)

	Location	Section	Tship	Range
4300730130	1683 FSL, 877 FEL	25	14S	09E
4300730178	600 FNL, 620 FEL	36	14S	09E
4300730143	740 FNL, 1780 FWL	31	148	10E
4300730142	822 FNL, 2176 FWL	36	14S	09E
4300730144	2050 FSL, 700 FEL	36	14S	09E
4300730156	2599 FNL, 1902 FEL	25	14S	09E
4300730157	1718 FSL, 2210 FWL	25	14S	09E
4300730181	800 FSL, 750 FEL	26	14S	09E
4300730180	650 FNL, 850 FEL	35	14S	09E
4300730183	1995 FSL, 745 FWL	31	14S	10E
4300730184	1837 FSL, 1903 FWL	36	14S	09E
4300730182	860 FSL, 1780 FWL	19	14S	10E
4300730179		30	14S	10E
4300730185				10E
4300730191				09E
	i i i i i i i i i i i i i i i i i i i			09E
				09E
4300730203				09E
4300730197			14S	09E
4300730198			14S	09E
4300730193		27	14S	09E
4300730186	1359 FSL, 707 FEL	27	14S	09E
4300730196	464 FNL, 540 FEL			09E
4300730195				09E
4300730206				09E
				09E
	The state of the s			09E
4300730210	The state of the s		15S	09E
				10E
				09E
	4300730178 4300730143 4300730142 4300730144 4300730156 4300730157 4300730181 4300730183 4300730184 4300730182 4300730185 4300730191 4300730191 4300730192 4300730192 4300730207 4300730207 4300730200 4300730201 4300730201 4300730205 4300730204 4300730204 4300730204 4300730205 4300730205 4300730204 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208 4300730208	4300730178 600 FNL, 620 FEL 4300730143 740 FNL, 1780 FWL 4300730142 822 FNL, 2176 FWL 4300730144 2050 FSL, 700 FEL 4300730156 2599 FNL, 1902 FEL 4300730181 800 FSL, 750 FEL 4300730180 650 FNL, 850 FEL 4300730183 1995 FSL, 745 FWL 4300730184 1837 FSL, 1903 FWL 4300730179 1493 FNL, 728 FWL 4300730185 612 FSL, 670 FWL 4300730191 1320 FNL, 1320 FEL 4300730193 1320 FNL, 1320 FEL 4300730194 1320 FNL, 1320 FWL 4300730208 1320 FNL, 1320 FWL 4300730209 482 FSL, 940 FEL 4300730207 963 FNL, 1470 FEL 4300730207 963 FNL, 1470 FEL 4300730200 739 FSL, 1716 FWL 4300730201 1320 FNL, 1320 FEL 4300730202 1480 FNL, 2000 FWL 4300730203 1320 FNL, 1320 FEL 4300730204 1500 FSL, 1500 FWL 4300730197 2567 FSL, 2151 FEL 4300730198 1236 FSL, 1750 FWL <td>4300730178 600 FNL, 620 FEL 36 4300730143 740 FNL, 1780 FWL 31 4300730142 822 FNL, 2176 FWL 36 4300730144 2050 FSL, 700 FEL 36 4300730156 2599 FNL, 1902 FEL 25 4300730187 1718 FSL, 2210 FWL 25 4300730181 800 FSL, 750 FEL 26 4300730180 650 FNL, 850 FEL 35 4300730181 1995 FSL, 745 FWL 31 4300730182 860 FSL, 1780 FWL 36 4300730182 860 FSL, 1780 FWL 36 4300730182 860 FSL, 1780 FWL 30 4300730185 612 FSL, 670 FWL 30 4300730191 1320 FNL, 1320 FEL 24 4300730208 1320 FNL, 1320 FWL 24 4300730209 1320 FSL, 1320 FWL 24 4300730194 1291 FNL, 1257 FWL 23 4300730200 739 FSL, 1716 FWL 23 4300730201 1320 FSL, 1320 FEL 26 4300730202 1480 FNL, 1805 FWL 26</td> <td>4300730178 600 FNL, 620 FEL 36 14S 4300730143 740 FNL, 1780 FWL 31 14S 4300730142 822 FNL, 2176 FWL 36 14S 4300730144 2050 FSL, 700 FEL 36 14S 4300730156 2599 FNL, 1902 FEL 25 14S 4300730181 800 FSL, 750 FEL 26 14S 4300730180 650 FNL, 850 FEL 35 14S 4300730181 1995 FSL, 745 FWL 31 14S 4300730182 860 FSL, 750 FEL 35 14S 4300730183 1995 FSL, 745 FWL 31 14S 4300730184 1837 FSL, 1903 FWL 36 14S 4300730187 1493 FNL, 728 FWL 30 14S 4300730188 60 FSL, 1780 FWL 30 14S 4300730187 1493 FNL, 1320 FEL 24 14S 4300730187 1310 FNL, 1525 FWL 24 14S 4300730187 1310 FNL, 1320 FEL 24 14S 4300730193 482 FSL, 940 FEL</td>	4300730178 600 FNL, 620 FEL 36 4300730143 740 FNL, 1780 FWL 31 4300730142 822 FNL, 2176 FWL 36 4300730144 2050 FSL, 700 FEL 36 4300730156 2599 FNL, 1902 FEL 25 4300730187 1718 FSL, 2210 FWL 25 4300730181 800 FSL, 750 FEL 26 4300730180 650 FNL, 850 FEL 35 4300730181 1995 FSL, 745 FWL 31 4300730182 860 FSL, 1780 FWL 36 4300730182 860 FSL, 1780 FWL 36 4300730182 860 FSL, 1780 FWL 30 4300730185 612 FSL, 670 FWL 30 4300730191 1320 FNL, 1320 FEL 24 4300730208 1320 FNL, 1320 FWL 24 4300730209 1320 FSL, 1320 FWL 24 4300730194 1291 FNL, 1257 FWL 23 4300730200 739 FSL, 1716 FWL 23 4300730201 1320 FSL, 1320 FEL 26 4300730202 1480 FNL, 1805 FWL 26	4300730178 600 FNL, 620 FEL 36 14S 4300730143 740 FNL, 1780 FWL 31 14S 4300730142 822 FNL, 2176 FWL 36 14S 4300730144 2050 FSL, 700 FEL 36 14S 4300730156 2599 FNL, 1902 FEL 25 14S 4300730181 800 FSL, 750 FEL 26 14S 4300730180 650 FNL, 850 FEL 35 14S 4300730181 1995 FSL, 745 FWL 31 14S 4300730182 860 FSL, 750 FEL 35 14S 4300730183 1995 FSL, 745 FWL 31 14S 4300730184 1837 FSL, 1903 FWL 36 14S 4300730187 1493 FNL, 728 FWL 30 14S 4300730188 60 FSL, 1780 FWL 30 14S 4300730187 1493 FNL, 1320 FEL 24 14S 4300730187 1310 FNL, 1525 FWL 24 14S 4300730187 1310 FNL, 1320 FEL 24 14S 4300730193 482 FSL, 940 FEL

Utah 02-47	4300730225	1318 FNL, 1791 FWL	2	15S	09E
Utah 02-48	4300730226	1780 FSL, 860 FEL	2	15S	09E
Utah 02-49	4300730227	1320 FSL, 2080 FWL	2	15S	09E
Utah 11-50	4300730228	860 FNL, 860 FEL	11	15S	09E
Utah 11-51	4300730229	1000 FNL, 1900 FWL	11	15S	09E
Utah 11-52	4300730230	1400 FSL, 1100 FEL	11	15S	09E
Utah 11-53	4300730231	1780 FSL, 1800 FWL	11	15S	09E
Utah 12-54	4300730232	875 FNL, 1015 FWL	12	15S	09E
Utah 12-55	4300730233	1500 FNL, 1320 FEL	12	15S	09E
Utah 12-56	4300730234	1500 FSL, 1320 FWL	12	15S	09E
Utah 07-57	4300730235	1421 FNL, 1003 FWL	7	15S	10E
Utah 07-58	4300730236	1495 FNL, 2006 FEL	7	15S	10E
Utah 07-59	4300730237	1400 FSL, 2100 FEL	7	15S	10E
Utah 07-60	4300730238	954 FSL, 1256 FWL	7	15S	10E
Utah 14-61	4300730239	1386 FNL, 931 FEL	14	15S	09E
Utah 14-62	4300730240	980 FNL, 1385 FWL	14	15S	09E
Utah 14-63	4300730241	1780 FSL, 1320 FEL	14	15S	09E
Utah 14-64	4300730242	907 FSL, 1392 FWL	14	15S	09E
Utah 13-65	4300730243	1320 FNL, 1200 FEL	13	15S	09E
Utah 13-66	4300730244	1276 FNL, 1301 FWL	13	15S	09E
Utah 13-67	4300730245	1800 FSL, 1500 FEL	13	15S	09E
Utah 13-68	4300730246	1320 FSL, 1320 FWL	13	15S	09E
Utah 18-69	4300730427	1320 FNL, 1320 FWL	18	15S	10E
Utah 18-70	4300730248	1110 FNL, 2127 FEL	18	15S	10E
Utah 18-71	4300730249	1764 FSL, 1767 FEL	18	15S	10E
Utah 18-72	4300730250	2100 FSL, 1100 FWL	18	15S	10E
USA 19-73	4300730392	1664 FNL, 1412 FEL	19	15S	10E
Utah 14-74	4300730529	1365 FSL, 1988 FEL	14	148	09E
Utah 14-75	4300730263	1036 FSL, 1622 FWL	14	148	09E
Utah 22-76	4300730251	1320 FNL, 660 FEL	22	145	09E
Utah 19-77	4300730252	1780 FSL, 660 FWL	19	148	10E
Williams 30-78	4300730279	460 FNL, 660 FEL	30	148	10E
Utah 31-79	4300730253	1780 FSL, 1780 FEL	31	148	10E
Utah 24-80	4300730255	590 FNL, 1612 FWL	24	15S	09E
Utah 24-81	4300730256	1067 FNL, 1361 FEL	24	15S	09E
Utah 32-82	4300730257	600 FNL, 2028 FEL	32	15S	09E
Utah 21-83	4300730259	1780 FNL, 460 FWL	21	15S	10E
H&A 07-84	4300730258	1780 FSL, 1780 FWL	7	158	09E
Utah 27-85	4300730261	2173 FNL, 676 FWL	27	14S	08E
Utah 24-86	4300730267	1788 FSL, 1677 FEL	24	15S	09E
Utah 24-87	4300730375	1780 FSL, 1333 FWL	24	15S	09E
USA 15-88	4300730264	872 FSL, 875 FEL	15	14S	09E
Telonis 22-89	4300730266	836 FNL, 1766 FWL	22	14S	09E
Telonis 21-90	4300730328	1272 FNL, 1188 FEL	21	148	09E
USA 13-91	4300730568	1443 FSL, 1017 FWL	13	148	09E
Utah 13-92	4300730439	624 FSL, 899 FEL	13	148	09E
Utah 18-93	4300730587	556 FSL, 673 FWL	18	148	10E
Utah 05-95	4300730269	640 FNL, 580 FWL	5	158	10E
Utah 05-94	4300730270	1520 FSL, 1320 FWL	5	158	10E

Utah 05-96 Utah 08-97	4300730271	1780 FSL, 2180 FEL	5	15S	10E
Utah 08-97				1 1	101
	4300730272	1495 FNL, 1273 FEL	8	15S	10E
Utah 08-98X	4300730285	1341 FNL, 1319 FWL	8	15S	10E
Utah 08-99	4300730274	1500 FSL, 1120 FWL	8	15S	10E
Utah 08-100	4300730275	1500 FSL, 1400 FEL	8	15S	10E
Utah 17-101	4300730416	460 FNL, 2180 FEL	17	15S	10E
Utah 17-102	4300730277	810 FNL, 910 FWL	17	15S	10E
Utah 17-103	4300730278	1520 FSL, 1120 FWL	17	15S	10E
Powell 19-104	4300730282	1327 FNL, 1458 FWL	19	15S	10E
Powell 19-105	4300730283	1239 FSL, 1325 FWL	19	15S	10E
Utah 23-106	4300730280	150 FNL, 1400 FEL	23	15S	09E
Utah 23-107	4300730281	1252 FNL, 1255 FWL	23	15S	09E
Birkinshaw 19-108	4300730284	1305 FNL, 1192 FEL	19	15S	09E
Utah 36-109	4300730268	1800 FNL, 1800 FWL	36	15S	09E
Utah 16-110	4301530250	860 FSL, 2000 FWL	16	16S	09E
Fausett 09-111	4300730428	2215 FSL, 354 FEL	9	148	09E
Fausett 10-112	4300730415	1590 FSL, 1342 FWL	10	14S	09E
Giacoletto 11-113	4300730335	500 FSL, 2070 FWL	11	14S	09E
Prettyman 11-114	4300730340	471 FSL, 1828 FEL	11	14S	09E
Giacoletto 13-120	4300730407	1200 FNL, 1219 FWL	13	14S	09E
Giacoletto 14-121	4300730345	1200 FNL, 1060 FEL	14	14S	09E
USA 14-122	4300730404	1500 FNL, 1039 FWL	14	148	09E
Utah 30-125	4300730262	630 FSL, 1627 FEL	30	148	10E
Utah 31-126	4300730305	1954 FNL, 1291 FEL	31	14S	10E
Robertson 32-127	4300730374	646 FNL, 349 FWL	32	14S	10E
Utah 04-129	4300730309	700 FWL, 1850 FSL	4	15S	10E
Utah 04-130	4300730519	860 FSL, 2150 FEL	4	15S	10E
Sampinos 16-131	4300730610	1201 FNL, 1016 FWL	16	158	10E
Jensen 16-132	4300730588	1206 FSL, 1240 FWL	16	15S	10E
LDS 17-133	4300730296	1500 FSL, 1700 FEL	17	15S	10E
Utah 25-134	4300730399	745 FNL, 1482 FWL	25	15S	09E
Utah 36-135	4300730341	850 FNL, 850 FEL	36	15S	09E
Utah 36-136	4300730343	465 FSL, 660 FWL	36	158	09E
Utah 36-137	4300730342	2180 FSL, 1800 FEL	36	15S	09E
Utah 02-138	4301530288	638 FNL, 1865 FEL	2	16S	09E
Utah 02-139	4301530289	1890 FNL, 850 FWL	2	16S	09E
Utah 02-140	4301530290	850 FSL, 1800 FWL	2	16S	09E
Utah 02-141	4301530291	1800 FSL, 1950 FEL	2	16S	09E
Telonis 15-142	4300730319	1320 FSL, 860 FWL	15	148	09E
Fausett 16-143	4300730320	1320 FNL, 1320 FEL	16	148	09E
Fausett 16-144	4300730321	1800 FNL, 860 FWL	16	148	09E
Telonis 16-145	4300730322	1320 FSL, 1320 FWL	16	148	09E
Paar 16-146	4300730323	843 FSL, 2157 FEL	16	148	09E
Christiansen 17-147	4300730324	860 FSL, 1800 FWL	17	14S	09E
Christiansen 17-148	4300730325	1250 FSL, 1100 FEL	17	14S	09E
Birkinshaw 18-149	4300730326	500 FSL, 500 FEL	18	148	09E
Telonis 19-150	4300730300	751 FNL, 1840 FWL	19	148	09E
Telonis 19-151	4300730299	860 FSL, 2000 FWL	19	148	09E
Telonis 20-152	4300730327	1320 FNL, 1900 FEL	20	148	09E

Telonis 21-153	4300730329	860 FNL, 1800 FWL	21	14S	09E
Telonis 29-154	4300730330	800 FNL, 1500 FWL	29	14S	09E
Telonis 29-155	4300730331	1800 FSL, 1250 FWL	29	14S	09E
Telonis 30-156	4300730301	910 FNL, 868 FEL	30	148	09E
Telonis 30-157	4300730332	1800 FSL, 580 FEL	30	14S	09E
Utah 32-158	4300730333	1038 FNL, 1768 FEL	32	148	09E
Utah 32-159	4300730334	2011 FNL, 1426 FWL	32	14S	09E
Utah 32-160	4300730398	1500 FSL, 1780 FWL	32	14S	09E
Utah 32-161	4300730336	415 FSL, 1408 FEL	32	148	09E
Utah 36-162	4300730315	2053 FNL, 685 FEL	36	14S	08E
Utah 36-163	4300730316	860 FNL, 2100 FWL	36	148	08E
Utah 36-164	4300730317	1070 FSL, 2000 FWL	36	148	08E
Utah 36-165	4300730318	1100 FSL, 1500 FEL	36	148	08E
Utah 02-166	4300730337	1219 FNL, 1738 FEL	2	15S	08E
Utah 02-167	4300730338	660 FNL, 2075 FWL	2	15S	08E
Utah 02-168	4300730339	1800 FSL, 2100 FWL	2	15S	08E
Utah 02-169	4300730308	754 FSL, 1000 FEL	2	15S	08E
Seamons 32-170	4300730291	700 FNL, 500 FWL	32	138	09E
Pinnacle Peak 19-171	4300730117	1320 FSL, 1320 FEL	19	14S	09E
Telonis 20-172	4300730107	1980 FSL, 660 FEL	20	148	09E
Powell 30-173	4300730346	1200 FNL, 1200 FWL	30	158	10E
Stella-Hamaker 10-174	4300730116	852 FNL, 1971 FWL	10	158	08E
Utah 31-175	4301530317	897 FNL, 1731 FWL	31	16S	09E
USA 15-176	4300730450	2588 FNL, 1155 FEL	15	148	09E
USA 09-178	4300730419	428 FSL, 2527 FWL	9	148	09E
USA 17-180A	4300730622	2563 FNL, 1383 FWL	17	148	09E
USA 18-182	4300730022	1068 FSL, 1972 FWL	18	148	09E
USA 24-183	4300730417	828 FNL, 624 FEL	24	148	08E
Utah 27-187	4300730395	1400 FNL, 1400 FWL	27	148	09E
Utah 27-188	4300730393	477 FSL, 518 FWL	27	148	09E
Utah 28-189	4300730292	1707 FNL, 868 FEL	28	145	09E
Utah 28-190	4300730390	1969 FNL, 1324 FWL	28	145	09E
Utah 28-191	4300730397	693 FSL, 1623 FWL	28	148	09E
	4300730293	1407 FNL, 1940 FWL	28		09E
Utah 28-192		693 FNL, 1029 FEL	}	148	
Utah 29-193	4300730405		29	148	09E
Utah 29-194	4300730427	951 FSL, 370 FEL	29	148	09E
Utah 30-195	4300730265	1407 FNL, 1940 FWL	30	148	09E
Utah 30-196	4300730344	1056 FSL, 1984 FWL	30	148	09E
Kakatsidas 31-197	4300730420	619 FNL, 1361 FEL	31	148	09E
Utah 31-198	4300730406	1403 FNL, 1540 FWL	31	148	09E
Utah 31-199	4300730480	1125 FSL, 928 FWL	31	148	09E
Utah 31-200	4300730385	2118 FSL, 549 FEL	31	148	09E
Utah 33-201	4300730386	317 FNL, 1815 FEL	33	148	09E
Utah 33-202	4300730387	1939 FNL, 1593 FWL	33	14S	09E
Utah 33-203	4300730388	1373 FSL, 1140 FWL	33	148	09E
Utah 33-204	4300730389	2024 FSL, 1525 FEL	33	148	09E
Utah 05-205	4300730384	1485 FNL, 760 FEL	5	15S	09E
Utah 05-206	4300730390	1300 FNL, 1352 FWL	5	15S	09E
Utah 06-207	4300730391	825 FNL, 928 FEL	6	15S	08E

Utah 01-208	4300730464	1246 FNL, 1831 FEL	1	15S	09E
Utah 01-209	4300730467	2271 FSL, 1251 FEL	 	15S	09E
Utah 34-211	4300730407	1181 FSL, 1005 FWL	34	14S	09E
Utah 03-212	4300730468	1187 FNL, 1761 FEL	3	158	09E
Utah 03-213	4300730381	1466 FNL, 2041 FWL	3	15S	09E
Utah 03-214	4300730391	813 FSL, 966 FWL	3	15S	09E
Utah 03-215	4300730293	988 FSL, 604 FEL	3	15S	09E
Utah 04-216	4300730382	1610 FNL, 810 FEL	4	15S	
Utah 04-217	4300730382	1343 FNL, 1119 FWL	4		09E
	4300730303			158	09E
Utah 04-218		1084 FSL, 509 FEL	4	15S	09E
Utah 10-219	4300730298	805 FNL, 756 FWL	10	15S	09E
Utah 10-220	4300730432	474 FSL, 372 FWL	10	15S	09E
Utah 10-221	4300730303	1602 FSL, 2032 FEL	10	15S	09E
USA 19-222	4300730393	1574 FSL, 1647 FEL	19	158	10E
Utah 06-223	4300730430	1636 FSL, 1085 FEL	6	15S	09E
Utah 05-225	4300730440	421 FSL, 498 FEL	5	15S	09E
Utah 04-226	4300730408	571 FSL, 2331 FWL	4	15S	09E
Utah 09-227	4300730449	652 FNL, 1331 FEL	9	15S	09E
Utah 09-228	4300730413	1444 FNL, 1520 FWL	9	15S	09E
Utah 09-229	4300730414	1595 FSL, 2051 FWL	9	15S	09E
Utah 08-230	4300730410	2003 FNL, 960 FEL	8	15S	09E
Utah 08-231	4300730411	1321 FNL, 1738 FWL	8	15S	09E
H&A 08-232	4300730412	1135 FSL, 1497 FWL	8	15S	09E
Utah 08-233	4300730488	468 FSL, 2030 FEL	8	15\$	09E
Utah 07-234	4300730409	1876 FNL, 875 FEL	7	15S	09E
Utah 07-235	4300730421	2098 FSL, 510 FEL	7	15S	09E
H&A 18-236	4300730459	896 FNL, 1511 FEL	18	15S	09E
Utah 18-237	4300730485	1867 FSL, 1920 FEL	18	15S	09E
Utah 17-238	4300730510	677 FNL, 1321 FEL	17	15S	09E
Utah 17-239	4300730511	1383 FNL, 1576 FWL	17	15S	09E
Utah 17-240	4300730512	1977 FSL, 1394 FWL	17	15S	09E
Utah 17-241	4300730513	1668 FSL, 2222 FEL	17	15S	08E
USA 12-242	4300730482	1738 FNL, 1505 FEL	12	15S	08E
USA 12-243	4300730486	950 FNL, 232 FWL	12	15S	08E
USA 11-244	4300730463	1151 FNL, 1690 FEL	11	15S	08E
USA 11-245	4300730462	1234 FNL, 1743 FWL	11	15S	08E
Utah 01-246	4300730566	1619 FNL, 170 FWL	1	15S	09E
Utah 01-247	4300730465	594 FSL, 266 FWL	1	15S	08E
USA 35-248	4300730582	828 FSL, 1245 FEL	35	15\$	09E
USA 30-251	4300730403	1169 FSL, 913 FWL	30	15S	10E
Utah 25-252	4300730400	1937 FNL, 1416 FEL	25	15S	09E
Utah 25-253	4300730401	809 FSL, 899 FWL	25	15S	09E
Utah 25-254	4300730402	1787 FSL, 1954 FEL	25	15S	09E
Utah 26-255	4300730446	1209 FNL, 755 FEL	26	15S	09E
Utah 26-256	4300730445	1274 FSL, 1351 FWL	26	15S	09E
Utah 26-257	4300730444	1263 FSL, 1368 FEL	26	15\$	09E
Utah 34-258	4300730552	1198 FNL, 1880 FEL	34	15S	09E
Utah 34-259	4300730456	1662 FSL, 2046 FEL	34	15S	09E
Utah 35-260	4300730447	814 FNL, 1900 FEL	35	15S	09E
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Utah 35-261 Utah 35-262 Utah 35-263	4300730442 4300730443	615 FNL, 818 FWL 1657 FSL, 1850 FWL	35	15S	09E
	4300730443	1657 EQL 1950 EMI	0.5		
Utah 35-263		1001 FOL, 1000 FVVL	35	15S	09E
J 01411 00-200	4300730441	1785 FSL, 946 FEL	35	15S	09E
USA 01-264	4301530336	1055 FNL, 441 FWL	1	16S	09E
USA 01-265	4301530337	1739 FSL, 636 FWL	1	16S	09E
Woolstenhulme 05-266	4300730481	1389 FNL, 2179 FEL	5	15S	10E
Utah 26-267	4300730514	1836 FNL, 2130 FWL	26	15S	09E
Utah 27-268	4300730457	1125 FSL, 1682 FWL	26	15S	09E
Utah 27-269	4300730458	1661 FSL, 795 FEL	27	15S	09E
Utah 34-270	4300730347	774 FNL, 756 FWL	34	15S	09E
Utah 34-271	4300730496	1693 FSL, 965 FWL	34	15S	09E
Utah 33-272	4300730502	694 FNL, 2034 FEL	33	15S	09E
Utah 33-273	4300730493	1922 FNL, 328 FWL	33	15S	09E
Utah 33-274	4300730494	1098 FSL, 1673 FWL	33	15S	09E
Utah 33-275	4300730495	1401 FSL, 1029 FEL	33	15S	09E
Utah 32-276	4300730483	738 FL, 1318 FWL	32	15S	09E
Utah 32-277	4300730484	1613 FSL, 1931 FEL	32	15S	09E
Utah 05-278	4301530278	1665 FNL, 1923 FEL	5	15S	09E
Utah 04-279	4301530340	1020 FNL, 1757 FEL	4	16S	09E
Utah 04-280	4301530341	2087 FNL, 1627 FWL	4	16S	09E
Utah 04-281	4301530399	999 FSL, 896 FWL	4	16S	09E
Utah 04-282	4301530342	2188 FSL, 911 FEL	4	16S	09E
Utah 03-283	4301530349	461 FNL, 1772 FEL	3	16S	09E
Utah 03-284	4301530346	1218 FNL, 753 FWL	3	16S	09E
Utah 03-285	4301530345	1917 FSL, 546 FWL	3	16S	09E
Utah 03-286	4301530344	1690 FSL, 1958 FEL	3	16S	09E
USA 20-287	4300730448	1395 FNL, 979 FWL	20	15S	10E
USA 20-288	4300730451	1566 FSL, 1125 FWL	20	15S	10E
USA 30-289	4300730452	1184 FNL, 1353 FEL	30	15S	10E
USA 30-290	4300730453	1080 FSL, 1508 FEL	30	14S	10E
USA 11-291	4300730501	2609 FNL, 1994 FEL	11	14S	09E
USA 11-292	4300730500	2483 FNL, 664 FWL	11	14S	09E
USA 10-293	4300730498	2011 FNL, 847 FEL	10	14S	09E
USA 10-294	4300730497	1750 FNL, 769 FWL	10	14S	09E
USA 09-295	4300730499	696 FNL, 1198 FEL	9	14S	09E
Fausett 09-296	4300730455	2072 FNL, 798 FWL	9	14S	09E
USA 08-297	4300730491	789 FNL, 958 FEL	8	14S	09E
Ritzakis 08-298	4300730475	798 FNL, 2018 FWL	8	14S	09E
Ritzakis 08-299	4300730479	2187 FSL, 1885 FWL	8	14S	09E
Ritzakis 08-300	4300730476	2485 FSL, 1522 FEL	8	14S	09E
USA 04-302	4300730489	1076 FSL, 1860 FWL	4	14S	09E
USA 04-303	4300730490	597 FSL, 984 FEL	4	148	09E
Ritzakis 05-304	4300730473	688 FSL, 1888 FWL	5	14S	09E
Ritzakis 05-305	4300730474	1104 FSL, 1196 FEL	5	14S	09E
USA 06-306	4300730492	399 FSL, 306 FEL	6	14S	09E
Helper 07-307	4300730487	672 FNL, 962 FWL	7	15S	09E
USA 31-310	4300730516	624 FNL, 1238 FWL	31	15S	10E
USA 31-311	4300730517	1934 FSL, 973 FWL	31	15S	10E
				16S	09E

USA 10-317 4301530352 1221 FNL, 1104 FEL 10 16S 09E USA 12-322 4300730577 540 FSL, 784 FEL 12 15S 08E USA 12-323 4300730577 540 FSL, 784 FEL 12 15S 08E USA 13-324 4300730575 732 FSL, 1763 FEL 11 15S 08E USA 13-325 4300730579 890 FNL, 1469 FEL 14 15S 08E USA 13-326 4300730581 1065 FNL, 1563 FEL 13 15S 08E USA 13-327 4300730581 1065 FNL, 1563 FEL 13 15S 08E USA 3-327 4300730581 1092 FNL, 941 FWL 13 15S 08E USA 3-328 4300730563 946 FSL, 1992 FNL 94 FWL 13 15S 08E USA 3-329 4300730563 946 FSL, 1999 FWL 35 14S 08E U14h 09-329 4300730561 884 FSL, 1992 FWL 94 FWL 15 15S 09E U14h 09-329 4300730562 938 FNL, 1564 FWL 6 15S 09E U14h 20-333 430073069 1099 FNL, 1460 FEL 20 15S 09E U14h 20-334 430073062 932 FNL, 1655 FWL 20 15S 09E U14h 19-337 4300730625 932 FNL, 1655 FWL 20 15S 09E U14h 19-337 4300730625 932 FNL, 1655 FWL 20 15S 09E U14h 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E U14h 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E U14h 19-334 4301530401 1316 FSL, 1343 FWL 5 16S 09E U14h 06-344 4301530401 1316 FSL, 1343 FWL 5 16S 09E U14h 08-356 4301530395 1073 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530396 1722 FSL, 1599 FEL 5 16S 09E U14h 08-356 4301530397 1701 FSL, 1944 FEL 5 16S 09E U14h 08-356 4301530300 1795 FNL, 1431 FWL 5 16S 09E U14h 08-356 4301530300 1795 FNL, 1634 FEL 9 16S 09E U14h 08-356 4301530307 1275 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530307 1275 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530307 1275 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530307 1707 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530307 1707 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530307 1707 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530307 1707 FNL, 1914 FEL 5 16S 09E U14h 08-356 4301530300 1722 FSL, 1599 FEL 8 16S 09E U14h 08-356 4301530300 1722 FSL, 1599 FEL 9 16S 09E U14h 08-356 4301530300 1722 FSL, 1599 FEL 9 16S 09E U14h 08-359 4300730651 165 FNL, 143 FWL 9 16S 09E U14h 08-359 4300730651 165 FNL, 143 FWL 9 16S 09E U14h 08-359 4300730651 1707 FNL, 1917 FWL 9 16S 09E U14h 08-360 4301530300 1722 FSL, 1599 FEL 9 16S 09E U14h 08-360 4301530300							
USA 10-317 4301530352 1221 FNL, 1104 FEL 10 16S 09E USA 12-322 4300730575 492 FSL, 495 FWL 10 15S 08E USA 11-324 4300730575 732 FSL, 1763 FEL 11 15S 08E USA 14-325 4300730579 890 FNL, 1469 FEL 14 15S 08E USA 13-326 4300730581 1065 FNL, 1563 FEL 13 15S 08E USA 3-327 4300730581 1065 FNL, 1563 FEL 13 15S 08E USA 35-328 4300730583 1046 FSL, 1999 FWL 35 14S 08E USA 35-328 4300730561 884 FSL, 1324 FEL 9 16S 09E Utah 06-330 4300730662 938 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730625 932 FNL, 1656 FWL 20 15S 09E Utah 20-334 4300730625 932 FNL, 1655 FWL 20 15S 09E Utah 19-335 4300730624 17S FSL, 1716 FWL 20 15S	Γ	USA 11-314	4301530353	1262 FNL, 1136 FWL	11	16S	09E
USA 12-322 4300730576 492 FSL, 495 FWL 10 15S 08E USA 11-324 4300730575 732 FSL, 1763 FEL 11 15S 08E USA 11-324 4300730575 732 FSL, 1763 FEL 11 15S 08E USA 13-326 4300730578 890 FNL, 1468 FEL 14 15S 08E USA 33-327 4300730578 1092 FNL, 941 FWL 13 15S 08E USA 35-328 4300730561 864 FSL, 1999 FWL 35 14S 08E Utah 09-329 4300730561 884 FSL, 1324 FEL 9 15S 09E Utah 06-330 4300730562 938 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730620 932 FNL, 1655 FWL 20 15S 09E Utah 20-333 4300730625 932 FNL, 1655 FWL 20 15S 09E Utah 20-333 4300730624 1789 FSL, 1746 FWL 20 15S 09E Utah 19-337 4300730623 932 FNL, 1655 FWL 20 15S	-				10	16S	09E
USA 12-323 4300730575 540 FSL, 764 FEL 12 15S 08E USA 11-324 4300730575 732 FSL, 1763 FEL 11 15S 08E USA 14-325 4300730578 890 FNL, 1469 FEL 14 15S 08E USA 13-326 4300730581 1065 FNL, 1563 FEL 13 15S 08E USA 35-328 4300730583 1092 FNL, 941 FWL 13 15S 08E USA 35-328 4300730561 884 FSL, 1999 FWL 35 14S 08E Utah 09-329 4300730562 938 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730669 1069 FNL, 1460 FEL 20 15S 09E Utah 20-334 4300730626 932 FNL, 1655 FWL 20 15S 09E Utah 19-337 4300730624 125 FSL, 1716 FWL 20 15S 09E Utah 19-338 4300730624 1789 FSL, 1462 FEL 19 15S 09E Utah 19-334 4301530401 1716 FSL, 1343 FWL 5 16S	F		4300730576		10	15S	08E
USA 11-324 4300730575 732 FSL, 1763 FEL 11 15S 08E USA 13-325 4300730579 890 FNL, 1469 FEL 14 15S 08E USA 13-326 4300730581 1065 FNL, 1563 FEL 13 15S 08E USA 35-328 4300730563 1092 FNL, 941 FWL 13 15S 08E UsA 35-328 4300730561 84 FSL, 1999 FWL 35 14S 08E Utah 09-329 4300730562 933 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730562 932 FNL, 1565 FWL 20 15S 09E Utah 20-333 4300730626 932 FNL, 1655 FWL 20 15S 09E Utah 19-337 4300730626 2152 FSL, 1716 FWL 20 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-344 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530396 1073 FNL, 1914 FEL 8 16S	<u> </u>				12	15S	08E
USA 13-326	<u> </u>	USA 11-324	4300730575	732 FSL, 1763 FEL	11	15S	08E
USA 13-326		USA 14-325	4300730579		14	15S	08E
USA 13-327 4300730578 1092 FNL, 941 FWL 13 15S 08E USA 35-328 4300730583 964 FSL, 1999 FWL 35 14S 08E Utah 09-329 4300730561 884 FSL, 1324 FEL 9 16S 09E Utah 06-330 4300730662 938 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730626 932 FNL, 1655 FWL 20 16S 09E Utah 20-335 4300730626 2152 FSL, 1716 FWL 20 16S 09E Utah 20-335 4300730626 2152 FSL, 1716 FWL 20 16S 09E Utah 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-343 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530402 908 FSL, 1449 FEL 5 16S 09E Utah 08-354 4301530379 1701 FSL, 799 FWL 8 16S					13		
USA 35-328 4300730583 964 FSL, 1999 FWL 35 14S 08E Utah 09-329 4300730561 884 FSL, 1324 FEL 9 15S 09E Utah 06-330 4300730669 1069 FNL, 1460 FEL 20 15S 09E Utah 20-333 4300730626 932 FNL, 1655 FWL 20 15S 09E Utah 20-335 4300730623 2926 FNL, 768 FEL 19 15S 09E Utah 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-343 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530400 1316 FSL, 1343 FWL 5 16S 09E Utah 08-354 4301530395 1073 FNL, 1914 FEL 5 16S 09E Utah 08-355 4301530395 1073 FNL, 1914 FEL 8 16S 09E Utah 08-356 4301530397 1701 FSL, 799 FWL 8 16S	F				13	15S	08E
Utah 06-330 4300730562 938 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730669 1069 FNL, 1460 FEL 20 15S 09E Utah 20-334 4300730626 932 FNL, 1655 FWL 20 15S 09E Utah 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-343 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530401 1316 FSL, 1343 FWL 5 16S 09E Utah 08-354 4301530396 1073 FNL, 1914 FEL 8 16S 09E Utah 08-355 4301530378 1673 FNL, 850 FWL 8 16S 09E Utah 08-356 4301530307 1701 FSL, 799 FWL 8 16S 09E Utah 09-358 4301530300 2097 FNL, 1634 FEL 9 16S					35	14S	08E
Utah 06-330 4300730562 938 FNL, 1564 FWL 6 15S 09E Utah 20-333 4300730669 1069 FNL, 1460 FEL 20 15S 09E Utah 20-334 4300730626 932 FNL, 1655 FWL 20 15S 09E Utah 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-343 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530401 1316 FSL, 1343 FWL 5 16S 09E Utah 08-354 4301530396 1073 FNL, 1914 FEL 8 16S 09E Utah 08-355 4301530378 1673 FNL, 850 FWL 8 16S 09E Utah 08-356 4301530307 1701 FSL, 799 FWL 8 16S 09E Utah 09-358 4301530300 2097 FNL, 1634 FEL 9 16S						15S	09E
Utah 20-334 4300730625 932 FNL, 1655 FWL 20 15S 09E Utah 20-335 4300730626 2152 FSL, 1716 FWL 20 15S 09E Utah 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-343 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530401 1316 FSL, 1343 FWL 5 16S 09E Utah 05-345 4301530402 908 FSL, 1449 FEL 5 16S 09E Utah 08-354 4301530376 1673 FNL, 850 FWL 8 16S 09E Utah 08-356 4301530377 1701 FSL, 799 FWL 8 16S 09E Utah 08-356 4301530300 1722 FSL, 1599 FEL 8 16S 09E Utah 09-358 4301530300 2097 FNL, 1634 FEL 9 16S 09E Utah 09-360 4301530300 1787 FNL, 630 FEL 9 16S		Utah 06-330	4300730562		6	15S	09E
Utah 20-335 4300730626 2152 FSL, 1716 FWL 20 15S 09E Utah 19-337 4300730623 926 FNL, 768 FEL 19 15S 09E Utah 19-338 4300730624 1789 FSL, 1426 FEL 19 15S 09E Utah 05-343 4301530400 1795 FNL, 1431 FWL 5 16S 09E Utah 05-344 4301530401 1316 FSL, 1343 FWL 5 16S 09E Utah 05-345 4301530402 908 FSL, 1449 FEL 5 16S 09E Utah 08-354 4301530367 1073 FNL, 1914 FEL 8 16S 09E Utah 08-355 4301530378 1673 FNL, 850 FWL 8 16S 09E Utah 08-356 4301530379 1701 FSL, 799 FWL 8 16S 09E Utah 08-358 43015303080 1722 FSL, 1599 FEL 8 16S 09E Utah 09-359 4301530307 1767 FNL, 871 FWL 9 16S 09E Utah 09-359 4301530307 1787 FNL, 871 FWL 9 16S		Utah 20-333	4300730669	1069 FNL, 1460 FEL	20	15S	09E
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USA 20-399 4300730591 1445 FSL, 1128 FEL 20 15S 10E Utah 09-412 4300730580 1102 FSL, 1018 FWL 9 15S 10E Utah 09-413 4300730605 1007 FNL, 1197 FWL 9 15S 10E Utah 10-415 4301530391 1090 FNL, 557 FEL 10 16S 08E USA 14-416 4300730646 892 FSL, 1311 FWL 14 15S 08E USA 14-417 4300730647 1741 FSL, 1054 FEL 14 15S 09E USA 13-418 4300730645 737 FSL, 793 FEL 13 15S 08E	r			<u> </u>			10E
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Utah 10-415 4301530391 1090 FNL, 557 FEL 10 16S 08E USA 14-416 4300730646 892 FSL, 1311 FWL 14 15S 08E USA 14-417 4300730647 1741 FSL, 1054 FEL 14 15S 09E USA 13-418 4300730645 737 FSL, 793 FEL 13 15S 08E	 	Utah 09-413	4300730605		9	15S	10E
USA 14-416 4300730646 892 FSL, 1311 FWL 14 15S 08E USA 14-417 4300730647 1741 FSL, 1054 FEL 14 15S 09E USA 13-418 4300730645 737 FSL, 793 FEL 13 15S 08E			_		10		08E
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USA 13-418 4300730645 737 FSL, 793 FEL 13 15S 08E	H					·	09E
	F						08E
	F	USA 13-419	4300730631	2617 FSL, 1958 FEL	13	15S	08E

USA 23-423	4300730611	408 FSL, 924 FEL	23	14S	08E
USA 34-434	4300730621	1342 FSL, 922 FEL	34	148	08E
USA 18-435	4300730619	1868 FNL, 793 FWL	18	14S	09E
USA 07-436	4300730630	3121 FNL, 871 FEL	7	14S	09E
USA 03-442	4300730710	899 FNL, 553 FEL	3	15S	08E
USA 24-443	4300730651	1780 FNL, 2247 FEL	24	15S	08E
USA 24-444	4300730648	1338 FNL, 1153 FWL	24	15S	08E
USA 24-446	4300730708	1377 FNL, 2340 FWL	24	148	08E
USA 13-447	4300730707	2044 FSL, 741 FEL	13	14S	08E
USA 24-448	4300730652	2146 FSL, 2021 FEL	24	15S	08E
Utah 34-456	4300730713	755 FNL, 1377 FEL	34	14S	08E
USA 13-470	4300730706	1741 FNL, 554 FEL	13	14S	08E
Utah 06-483	4300730716	2456 FSL, 988 FWL	6	15S	09E
American Quasar D1	4300730040	999 FSL, 1552 FWL	31	148	10E
Arcadia-Telonis D2	4300730093	465 FSL, 560 FEL	19	148	09E
Utah D3	4300730290	1600 FSL, 1530 FEL	18	15S	10E
Utah D4	4300730314	600 FNL, 500 FWL	24	14S	09E
Fausett D5	4300730351	467 FNL, 1461 FWL	16	1 4 S	09E
Drew D6	4300730100	1300 FSL, 830 FWL	34	14S	09E
Utah D7	4301530338	1371 FSL, 1530 FEL	2	14S	09E
Utah D8	4300730431	1342 FNL, 350 FWL	12	15S	09E
Utah D9	4300730438	1960 FNL, 1487 FWL	32	14S	09E
RGC D10	4300730520	162 FNL, 1557 FEL	28	15S	09E
USA D11	4301530356	1513 FNL, 2437 FEL	13	16S	09E
Sampinos D14	4300730567	1695 FSL, 2133 FEL	16	15S	10E

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER
SALT LAKE CITY, UTAH 84111-1495
(801) 531-8446

TELECOPIER (801) 531-8468 E-MAIL: mail@pgblaw.com SENIOR COUNSEL:

ROBERT G PRUITT, JR OLIVER W GUSHEE, JR

OF COUNSEL:

ROBERT G PRUITT, III
BRENT A BOHMAN

.∓ - ,∓

January 29, 2001

HAND DELIVERED

Mr. Jim Thompson Utah Division of Oil, Gas & Mining 1594 W. North Temple Salt Lake City, UT 84116

Re: River Gas/Phillips Merger

Dear Mr. Thompson:

THOMAS W BACHTELL A JOHN DAVIS, III

JOHN W ANDERSON

ANGELA L FRANKLIN

MICHAEL S JOHNSON

JOHN S FLITTON

WILLIAM E WARD

FREDERICK M MACDONALD

As you may know, River Gas Corporation ("RGC") merged into Phillips Petroleum Company ("Phillips") effective December 31, 2000 at 11:59 p.m. I have enclosed a Certificate of Articles of Merger issued by the Utah Department of Commerce and, although duplicative, a sundry notice formally evidencing the merger for your records, and a list of all wells, including injection wells, formerly operated by RGC.

Please change the Division's records to reflect the change in operator of these wells from RGC to Phillips. All operational questions should be directed to Phillips at the following address:

Phillips Petroleum Company Attn: Billy Stacy, Operations Manager P.O. Box 3368 Englewood, CO 80155-3368 Telephone No.: (720) 344-4984

Phillips currently has a bond on file with the Division (a copy of which is enclosed for your reference), but I understand an \$80,000 Letter of Credit is in the process of being substituted.

Mr. Jim Thompson January 29, 2001 Page 2

On behalf of Phillips, I thank you for your cooperation. Should you have any further questions or concerns, please do not hesitate to contact me.

Yours very truly,

Frederick M. MacDonald

FMM:cs 2078.16 Enclosures

cc: W. H. Rainbolt Billy Stacy



Utah Department of Commerce Division of Corporations & Commercial Code

160 East 300 South, 2nd Floor, Box 146705 Salt Lake City, UT 84114-6705 Phone: (801) 530-4849

Toll Free: (877) 526-3994 Utah Residents Fax: (801) 530-6438

Web site: http://www.commerce.state.ut.us

Registration Number: 562960-0143

PHILLIPS PETROLEUM COMPANY

Registered Date:

Business Name:

JUNE 14, 1946

01/12/01

CERTIFICATE OF ARTICLES OF MERGER

THE UTAH DIVISION OF CORPORATIONS AND COMMERCIAL CODE ("DIVISION") HEREBY CERTIFIES THAT

ARTICLES OF MERGER WERE FILED WITH THIS OFFICE ON DECEMBER 12, 2000 MERGING RIVER GAS CORPORATION, A CORPORATION OF THE STATE OF ALABAMA, INTO PHILLIPS PETROLEUM COMPANY, THE SURVIVING CORPORATION WHICH IS OF THE STATE OF DELAWARE, AS APPEARS OF RECORD IN THE OFFICE OF THE DIVISION.



Pi Carpbell

Ric Campbell

Acting Division Director of

Corporations and Commercial Code

12-12-00P04:02 RCVD

State of Delaware

PAGE

Office of the Secretary of State



I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECTED COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"RIVER GAS CORPORATION", A ALABAMA CORPORATION,

WITH AND INTO "PHILLIPS PETROLEUM COMPANY" UNDER THE NAME OF "PHILLIPS PETROLEUM COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SIXTH DAY OF DECEMBER, A.D. 2000, AT 10 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2000, AT 11:59 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

> State of Utch Department of Commerce Division of Corporations and Commercial Code

I Hereby certify that the (cregoing type been fled and approved on this 12 day of 120 10 in the office of this Division and hereby Issue

this Certificate thereof.

Link Bir. Of Corp. & Comm. Code

DEC 12 2000



Edward J. Freel, Secretary of State AUTHENTICATION: 0837738

DATE: 12-07-00

0064324 8100M

001609453

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 10:00 AM 12/06/2000 001609453 - 0064324

CERTIFICATE OF OWNERSHIP AND MERGER

OF

RIVER GAS CORPORATION

(an Alabama corporation)

into

Phillips Petroleum Company

(a Delaware corporation)

It is hereby certified that:

- 1. Phillips Petroleum Company [hereinafter sometimes referred to as the "Corporation"] is a business corporation of the State of Delaware.
- 2. The Corporation is the owner of all of the outstanding shares of each class of stock of River Gas Corporation, which is a business corporation of the State of Alabama.
- 3. The laws of the jurisdiction of organization of River Gas Corporation permit the merger of a business corporation of that jurisdiction with a business corporation of another jurisdiction.
- 4. The Corporation hereby merges River Gas Corporation into the Corporation.
- 5. The following is a copy of the resolutions adopted on November 21, 2000 by the Board of Directors of the Corporation to merge the said River Gas Corporation into the Corporation:
 - "1. Phillips Petroleum Company, which is a business corporation of the State of Delaware and is the owner of all of the outstanding shares of River Gas Corporation, which is a business corporation of the State of Alabama, hereby merges River Gas Corporation into Phillips Petroleum Company pursuant to the provisions of the Alabama Business Corporation Act and pursuant to the

provisions of Section 253 of the General Corporation Law of Delaware.

- "2. The separate existence of River Gas Corporation shall cease at the effective time and date of the merger pursuant to the provisions of the Alabama Business Corporation Act; and Phillips Petroleum Company shall continue its existence as the surviving corporation pursuant to the provisions of Section 253 of the General Corporation Law of Delaware.
- "3. The Articles of Incorporation of Phillips Petroleum Company are not amended in any respect by this Plan of Merger.
- "4. The issued shares of River Gas Corporation shall not be converted or exchanged in any manner, but each said share which is issued immediately prior to the effective time and date of the merger shall be surrendered and extinguished.
- "5. Each share of Phillips Petroleum Company outstanding immediately prior to the effective time and date of the merger is to be an identical outstanding share of Phillips Petroleum Company at the effective time and date of the merger.
- "6. No shares of Phillips Petroleum Company and no shares, securities, or obligations convertible into such shares are to be issued or delivered under this Plan of Merger.
- "7. The Board of Directors and the proper officers of Phillips Petroleum Company are hereby authorized, empowered, and directed to do any and all acts and things, and to make, execute, deliver, file, and/or record any and all instruments, papers, and documents which shall be or become necessary, proper, or convenient to carry out or put into effect any of the provisions of this Plan of Merger or of the merger herein provided for."
- "This Company approves that the effective time and date of the merger herein provided for in the State of Alabama shall be 11:59 p.m. on December 31, 2000."
- "Any Vice President, the Treasurer, any Assistant Treasurer, the Secretary, any Assistant Secretary, and each of them severally, be and hereby is authorized to make, execute,

עבי-שם-בשטש שסיי,

deliver, file, and/or record any and all instruments, papers, and documents which shall be or become necessary, proper, or convenient to carry out or put into effect any of the provisions of these resolutions and to do or cause to be done all such acts as are necessary to give effect to the purpose and intent of the approval herein set forth."

6. This Certificate of Ownership and Merger shall be effective at 11:59 p.m. on December 31, 2000.

Executed on November 27, 2000

Phillips Petroleum Company

11. H. dolle



Unted States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3106 UTU-47157 et al (UT-932)

JAN 3 0 2001

NOTICE

Phillips Petroleum Company

Oil and Gas

Attn: W. H. Rainbolt, Rocky Mtn. Region-Land

Box 1967

Houston, TX 77251-1967

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of River Gas Corporation into Phillips Petroleum Company with Phillips Petroleum Company being the surviving entity.

The oil and gas lease files and rights-of-way files identified on the enclosed exhibit have been noted as to the merger. The exhibit is the list supplied by the representative of the companies, and verified by our computerized records. We have not adjudicated the case files to determine if the entity affected by the merger holds an interest in the leases identified, nor have we attempted to identify leases where the entity is the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

By recognition of the merger the obligor is automatically changed by operation of law from River Gas Corporation to Phillips Petroleum Company on Letter of Credit No. P-207337 (BLM Bond No. UT0829). A rider to BLM Bond No. ES0048 assuming any and all liabilities of BLM Bond No. UT0829 must be submitted for approval to the Eastern States Office, Attn: Bill Forbes, 7450 Boston Boulevard, Springfield, VA 22153. After the rider is approved, the Letter of Credit will be returned to the financial institution that issued it.

ROBERT LOPEZ

Robert Lopez Chief, Branch of Minerals Adjudication

Enclosure Exhibit of Leases

DIMISION OF OIL, GROWN CO.

CC:

Moab Field Office Vernal Field Office Price Field Office

MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217

State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114

The Chase Manhattan Bank, Attn: Standby Letter of Credit Dept., 4 Chase Metrotech Center, 8th Floor Brooklyn, NY 11245

Teresa Thompson (UT-931)

LaVerne Steah (UT-942)

Pruitt, Gushee & Bachtell, Attn: Frederick M. MacDonald, Suite 1850 Beneficial Life Tower,

Salt Lake City, Utah 84111-1495

BLM, Eastern States Office (Attn: Bill Forbes)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH /	4-K	AS -
2. CDW ¹	5997	PV
3. JLT	6-FI	ĹE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

DRUNKARDS WASH

Operator Name Change (Only)

X Merger

FROM: (Old Operator):	TO: (New Operator):
RIVER GAS CORPORATION	PHILLIPS PETROLEUM COMPANY
Address: 6825 S. 5300 W. P. O. BOX 851	Address: P. O. BOX 3368
PRICE, UT 84501	ENGLEWOOD, CO 80155-3368
Phone: 1-(435)-613-9777	Phone: 1-(720)-344-4984
Account N1605	Account N1475

Unit:

CA No.

WELL(S)

	API	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	TYPE	TYPE	STATUS
UTAH 02-168	43-007-30339	11256	02-15S-08E	STATE	GW	P
UTAH 1-42	43-007-30220	11256	01-15S-09E	STATE	GW	P
UTAH 1-43	43-007-30221	11256	01-15S-09E	STATE	GW	P
UTAH 1-44	43-007-30222	11256	01-15S-09E	STATE	GW	P
UTAH 1-45	43-007-30223	11256	01-15S-09E	STATE	GW	P
UTAH 2-46	43-007-30224	11256	02-15S-09E	STATE	GW	P
UTAH 2-47	43-007-30225	11256	02-15S-09E	STATE	GW	P
UTAH 2-48	43-007-30226	11256	02-15S-09E	STATE	GW	P
UTAH 2-49	43-007-30227	11256	02-15S-09E	STATE	GW	P
UTAH 03-212	43-007-30468	11256	03-15S-09E	STATE	GW	P
UTAH 03-213	43-007-30381	11256	03-15S-09E	STATE	GW	P
UTAH 03-214	43-007-30295	11256	03-15S-09E	STATE	GW	P
UTAH 03-215	43-007-30297	11256	03-15S-09E	STATE	GW	P
UTAH 04-216	43-007-30382	11256	04-15S-09E	STATE	GW	P
UTAH 04-217	43-007-30383	11256	04-15S-09E	STATE	GW	Р
UTAH 04-218	43-007-30418	11256	04-15S-09E	STATE	GW	P
UTAH 04-226	43-007-30408	11256	04-15S-09E	STATE	GW	P
UTAH 05-205	43-007-30384	11256	05-15S-09E	STATE	GW	P
UTAH 05-206	43-007-30390	11256	05-15S-09E	STATE	GW	P
UTAH 05-225	43-007-30440	11256	05-15S-09E	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/29/2001

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/29/2001

3. The new company has been checked through the Department of Commerce, Division of Corporations Database on: 02/15/2001

4.	Is the new operator registered in the State of Utah:	YES	Business Number:	562960-0143		
5.	If NO , the operator was contacted contacted on:		_			
6.	Federal and Indian Lease Wells: The BLM and or operator change for all wells listed on Federal or Indian		s approved the (r			
7.	Federal and Indian Units: The BLM or BIA has for wells listed on:	approved the	successor of unit	operator		
8.	Federal and Indian Communization Agreem change for all wells listed involved in a CA on:	ents ("CA"): N/A	The BLM or the	BIA has approved the operator		
9.	Underground Injection Control ("UIC") Profor the enhanced/secondary recovery unit/project for the			rm 5, Transfer of Authority to Inject,		
D	ATA ENTRY:					
1.	Changes entered in the Oil and Gas Database on:	02/27/2001	_			
2.	Changes have been entered on the Monthly Operator Ch	nange Spread S	heet on: $02/27$	/2001		
3.	Bond information entered in RBDMS on:	N/A	_			
4.	Fee wells attached to bond in RBDMS on:	N/A	_			
S 7	State well(s) covered by Bond No.:	59521 NA	89			
F	EE WELLS - BOND VERIFICATION/LEASE	INTEREST	OWNER NOT	IFICATION:		
1.	(R649-3-1) The NEW operator of any fee well(s) listed has	as furnished a bo	ond: N	<u>/A</u>		
2.	The FORMER operator has requested a release of liability The Division sent response by letter on:	from their bond	l on: N	/A		
3.	(R649-2-10) The FORMER operator of the Fee wells has of their responsibility to notify all interest owners of this cl			ter from the Division /A		
	LMING: All attachments to this form have been MICROFILMED	on: 3 ~ 6	20-01			
	LING: ORIGINALS/COPIES of all attachments pertaining to each	ch individual we	ll have been filled in	each well file on:		
COMMENTS:						
_						





DIVISION C	F OIL, GAS AND MINI	NG				
DIVIOION	110	5. Lease Designation and Serial Number:				
			ML - 48179			
SUNDRY NOTICES AND REPORTS ON WELLS		WELLS	6. If Indian, Allottee or Tribe Name:			
		N/A				
Do not use this form for proposals to drill new wells, d	ged and abandoned wells.	7. Unit Agreement Name:				
Use APPLICATION FOR PERMIT T	D DRILL OR DEEPEN form for such pr	oposals.	UTU67921X Drunkards Wash			
1. Type of Well: OIL ☐ GAS 💆 OTHER:		8. Well Name and Number:	ell Name and Number:			
			Utah 03-212			
2. Name of Operator: Dhilling Potnology	m Compony		9. API Well Number:			
Phillips Petroleu	in Company	·····				
3. Address and Telephone Number:	Vest D.O. Dev 951 Price II	P 0 4 5 0.1 (42 5) 612 0777	10. Field or Pool, or Wildcat:			
0823 SOUIT 3300 V	Vest, P.O. Box 851, Price, U	1 84301 (433) 613-9777	Drunkards Wash			
4. Location of Well Footages: 1187' FNL, 1761' FEL			County: Carbon County			
· · · · · · · · · · · · · · · · · · ·	C DOOP CLD 6 M		State:			
NW/NE, SEC. 03, T15	S, R09E, SLB & M		Utah			
11. CHECK APPROPRIATE BOXES TO	INDICATE NATURE C	OF NOTICE, REPORT,	OR OTHER DATA			
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)					
☐ Abandon	□ New Construction	☐ Abandon *	` ,	New Construction		
☐ Repair Casing	☐ Pull or Alter Csg	☐ Repair Casing		Pull or Alter Csg		
☐ Change of Plans	☐ Recomplete	☐ Change of Plans		Reperforate		
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection		Vent or Flare		
☐ Fracture Treat or Acidize	□ Vent or Flare	☐ Fracture Treat or Acid	dize □	Water Shut-Off		
☐ Multiple Completion	□ Water Shut-Off	☑ Other Chemical	/Flush Treatment			
□ Other	Date of work completion 02/07/2001					
Approximate date work will start						
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.					
	* Must be accompanied by a cement verification report.					
······································	· · · · · · · · · · · · · · · · · · ·	<u> </u>				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that the above referenced well was chemically treated with 4,000 gallons of low Ph fluid & 250 gallons of 7 1/2% HCL on 02/07/01.

RECEIVED

FEB 2 8 2001

DIVISION OF OIL, GAS AND MINING

13.							
	($\widehat{\mathbf{y}}$	0				
Name & Signature:	Rochelle Crabtree	Jorelle	Mabixo	Title:	Administrative Assistant	Date:	02/26/2001

(This space for state use only)



Re:

Notice of Address Change, Merger and Name Change

Address Change effective December 2, 2002

Merger and Name Change effective December 31, 2002

Divisions of Oil, Gas, and Mining Attn: Mr. John Baza 1594 West North Temple, Suite 1210, P. O. Box 145801 Salt Lake City, UT 84114-5801

Gentlemen:

- Effective December 2, 2002, Phillips Petroleum Company will close its Englewood, Colorado Rocky Mountain Region office. After that time, all correspondence, notices and invoice for Land related matters should be directed to the address(es) noted below. Note that until December 31, 2002, all properties in which Phillips held an interest will continue to be operated by Phillips Petroleum Company, a wholly-owned subsidiary of ConocoPhillips.
- On December 31, 2002, Phillips Petroleum Company and Conoco Inc. will merge, and the surviving corporation will be renamed "ConocoPhillips Company".

In accordance with the notice provisions of the Operating Agreements and other agreements, if any, between our companies, please adjust your company/organization records, effective for address purposes as of December 2, 2002, and for company name purposes, as of January 1, 2003, to reflect the following information for addressing and delivery of notices, invoicing and payment, and communications with ConocoPhillips Company. This will also apply to Lease Sale notices and other lease-related correspondence and notifications.

U.S. Mail Address:

ConocoPhillips Company P.O. Box 2197 Houston, Texas 77252 Attn: Chief Landman. San Juan/Rockies

Physical Address & Overnight Delivery:

ConocoPhillips Company 550 Westlake Park Blvd. Three Westlake Park 3WL, Room WL 9000 Houston, Texas 77079 Attn: Chief Landman, San Juan/Rockies

All ballots and official notices/responses sent by facsimile transmission should be sent to the following contact:

Attn: Chief Landman, San Juan/Rockies

Fax No.: 832-486-2688 or 832-486-2687

Please contact the undersigned immediately if you have any questions. This notice does not apply to royalty inquiries, joint interest billings, or revenue remittances. Please continue to use the same addresses you are currently using for these matters Weilian Painbai

Sincerely,

RECLIVED

DEC 0 2 2002

DIVISION OF OIL, GAS AND MINING

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:		
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL OIL WELL GAS WELL OTHER All	8. WELL NAME and NUMBER: See Attached List		
2. NAME OF OPERATOR: Phillips Petroleum Company	9. API NUMBER: See List		
3. ADDRESS OF OPERATOR: 980 Plaza Office CITY Bartlesville STATE OK ZIP 74004 PHONE NUMBER: (918) 661-4415	10. FIELD AND POOL, OR WILDCAT:		
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List	COUNTY:		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA		
TYPE OF SUBMISSION TYPE OF ACTION			
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION		
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL		
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON		
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR		
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL		
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF		
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:		
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume Conoco Inc. was merged into Phillips Petroleum Company, the surviving corporation, on Dewith this merger and effective on the same date, the name of the surviving corporation was or	cember 31, 2002. In connection changed to "ConocoPhillips		
Company". We are requesting that a new Operator Number be assigned to ConocoPhillips	Company.		
Please send production reporting forms to Herb Henderson at ConocoPhillips Company, 319 Bartlesville, OK 74004. Herb's phone number is 918-661-4415.	5 S. Johnstone, 980 Plaza Office,		
Current Operator New Operator Phillips Petroleum Company ConocoPhillips Company			
Ala Ministration of the state o	RECEIVED		
Steve de Albuquerque Yolanda Perez	JAN 0 8 2003		
Steve de Albudagique	DIV. OF OIL, GAS & MINING		
NAME (PLEASE PRINT) Yolanda Perez Title Sr. Regulatory Ar	nalyst		
SIGNATURE Wolanda Peres DATE 12/30/2002			

(This space for State use only)



SECRETARY'S CERTIFICATE

I, the undersigned, Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, formerly Phillips Petroleum Company, organized and existing under and by virtue of the laws of the State of Delaware (the "Corporation"), hereby certify that:

- 1. As Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation.
- 2. The attached photocopy of the Certificate of Amendment to the Restated Certificate of Incorporation of Phillips Petroleum Company (to be renamed ConocoPhillips Company) is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12th day of December 2002, with an effective date of January 1, 2003 and such Certificate of Amendment has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.
- 3. The attached photocopy of the Certificate of Merger of Conoco Inc. with and into ConocoPhillips Company is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12th day of December 2002, with an effective date of December 31, 2002 and such Certificate of Merger has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.

IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of the Corporation this 7th day of January 2003.

Assistant-Secretary

STATE OF TEXAS

888

COUNTY OF HARRIS

§

This instrument was acknowledged before me on January 7, 2003, by Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, a Delaware corporation, on behalf of said Corporation.

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JAN n 8 2003

DIV. OF OIL, GAS & MINING



PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:41 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11 O'CLOCK P.M.

JAN 0 8 2003

DIV. OF OIL, GAS & MINING



Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183360

DATE: 01-02-03

0064324 8100

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HOU03:884504.1

(THU) 12. 12 02 13:32/ST. 13:34/946/ FILED 01:41 PM 12/12/2002 020763238 - 0064324

CERTIFICATE OF AMENDMENT

to the

RESTATED CERTIFICATE OF INCORPORATION

of

PHILLIPS PETROLEUM COMPANY (to be renamed ConocoPhillips Company)

Phillips Petroleum Company ("Phillips"), a corporation organized and existing under the General Corporation Law of the State of Delaware (the "DGCL"), hereby certifies that:

- The amendments to Phillips' Restated Certificate of Incorporation set forth below were duly adopted in accordance with the provisions of Section 242 of the DGCL and have been consented to in writing by the sole stockholder of Phillips in accordance with Section 228 of the DGCL.
- Phillips' Restated Certificate of Incorporation is hereby amended by deleting Article I thereof and replacing in lieu thereof a new Article I reading in its entirety as follows:

"The name of the corporation (which is hereinafter referred to as the "Corporation") is ConocoPhillips Company."

- Phillips' Restated Certificate of Incorporation is hereby amended by deleting Section 1 of Article IV thereof and replacing in lieu thereof a new Section 1 reading in its entirety as follows:
 - "Section 1. The Corporation shall be authorized to issue 2,100 shares of capital stock, of which 2,100 shares shall be shares of Common Stock, \$.01 par value ("Common Stock")."
- Pursuant to Section 103(d) of the DGCL, this amendment will become effective at 11:00 p.m., Eastern time, on December 31, 2002.

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IN WITNESS WHEREOF, Phillips has caused this certificate to be executed this 12th day of December, 2002.

PHILLIPS PETROLEUM COMPANY

By: Name:

Rick A. Harrington Title: Senior Vice President, Legal,

and General Counsel

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DIV. OF OIL, GAS & MINING

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PAGE :

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"CONOCO INC.", A DELAWARE CORPORATION,

WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

JAN 0 8 2003

DIV. OF OIL, GAS & MINING



Warriet Smith Hindson

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AUTHENTICATION: 2183370

DATE: 01-02-03

0064324 8100M

030002793

STATE OF DELAWARE (THU) 12. 12' 02 13:35/ST. 13:34/ARC 40:06/56749EF 16
DIVISION OF CORPORATIONS
FILED 01:44 PM 12/12/2002
020763253 - 0064324

CERTIFICATE OF MERGER

of

Conoco Inc.
(a Delaware corporation)

with and into

ConocoPhillips Company (a Delaware corporation)

Phillips Petroleum Company, a Delaware corporation to be renamed ConocoPhillips Company prior to the effective time of this certificate of merger (the "Surviving Corporation"), in compliance with the requirements of the General Corporation Law of the State of Delaware (the "DGCL") and desiring to effect a merger of Conoco Inc., a Delaware corporation formerly incorporated under the name Du Pont Holdings, Inc. (the "Merging Corporation," and together with the Surviving Corporation, the "Constituent Corporations"), with and into the Surviving Corporation, and acting by its duly authorized officer, DOES HEREBY CERTIFY that:

First: As of the date hereof, the name and state of incorporation of each of the Constituent Corporations of the merger are as follows:

NAME

STATE OF INCORPORATION

PHILLIPS PETROLEUM COMPANY

Delaware

CONOCO INC.

Delaware

Second: An agreement and plan of merger has been approved, adopted, certified, executed and acknowledged by each of the Constituent Corporations in accordance with the requirements of Section 251 of the DGCL;

Third: The name of the Surviving Corporation will be ConocoPhillips Company;

Fourth: The Certificate of Incorporation of ConocoPhillips Company immediately prior to the merger shall be the Certificate of Incorporation of the Surviving Corporation until such time as it may be amended in accordance with applicable law and the provisions thereof;

Fifth: The executed agreement and plan of merger is on file at an office of the Surviving Corporation, the address of which is 600 North Dairy Ashford, Houston, Texas 77079:

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JAN 0 8 2003

Sixth: A copy of the agreement and plan of merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any Constituent Corporation; and

Seventh: Pursuant to Section 103(d) of the DGCL, this certificate of merger will become effective at 11:59 p.m., Eastern time, on December 31, 2002.

Dated: December 12, 2002

PHILLIPS PETROLEUM COMPANY

(a Delaware corporation)

•

Name: Rick A. Harrington

Title: Senior Vice President, Legal, and General Counsel

JAN 0 8 2003



CONOCOPHILLIPS COMPANY

REFERENCE NUMBER(S). CLASSIFICATION(S) & DETAIL(S)

Corporation - Foreign - Profit
562960-0143

EFFECTIVE 06/14/1946

EXPIRATION *RENEWAL

UNITED STATES CORP CO
CONOCOPHILLIPS COMPANY
GATEWAY TOWER EAST STE 900
10 EAST SOUTH TEMPLE
SLC UT 84133

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JAN 0 8 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF COMMERCE DIVISION OF CORPORATIONS & COMMERCIAL CODE

REGISTRATION

EFFECTIVE DATE:

06/14/1946

EXPIRATION DATE:

*RENEWAL

ISSUED TO:

CONOCOPHILLIPS COMPANY



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

562960-0143

Corporation - Foreign - Profit

*RENEWAL

You will need to renew your registration each anniversary date of the effective date. Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.



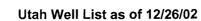
API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30887-00-00	ANDREEN 32-529	Gas Well	APD	32	14		10	
43-007-30865-00-00	COTNER 29-549	Gas Well	APD	29	14	s	10	E
43-007-30837-00-00	DALLIN 32-615	Gas Well	APD	32	13	S		Е
43-047-34551-00-00	FED 43-24-3 #1	Gas Well	APD	24	10		17	
43-047-33982-00-00	FEDERAL 12-17 #1	Gas Well	APD	17	10		18	
43-047-34471-00-00		Gas Well	APD	29		S	19	
43-047-34472-00-00		Gas Well	APD	31		S	19	
	MCKENDRICK 29-548	Gas Well	APD	29	14		10	
43-015-30512-00-00	L	Gas Well	APD	19	16			E
43-015-30515-00-00		Gas Well	APD	24	16			E
43-015-30548-00-00		Gas Well	APD	30	16		9	
43-007-30888-00-00	PRICE 32-438	Gas Well	APD	32	14		10	
43-007-30813-00-00		Gas Well	APD	33	13		9	
43-007-30766-00-00		Gas Well	APD	33	13		9	
43-007-30838-00-00		Gas Well	APD	32	13		9	
43-007-30863-00-00		Gas Well	APD	29	14		10	
43-007-30797-00-00		Gas Well	APD	15	14		8	F
43-007-30798-00-00		Gas Well	APD	15	14		8	Ē
43-007-30799-00-00		Gas Well	APD	15	14		8	=
43-007-30796-00-00		Gas Well	APD	22	14		8 8 8	F
43-007-30801-00-00		Gas Well	APD	22	14		8	- -
43-007-30802-00-00		Gas Well	APD	22	14		8	=
43-007-30711-00-00	77.4	Gas Well	APD	9	15		8	
43-015-30351-00-00		Gas Well	APD	11	16		9	
43-015-30398-00-00			APD	12	16			E
43-015-30409-00-00			APD	12	16		9	
43-007-30805-00-00			APD	14	14		8	
43-007-30806-00-00			APD	14	14		8	
43-007-30676-00-00			APD	15	15		8	
43-015-30417-00-00			APD	21	16		9	
43-015-30416-00-00			APD	21	16		9	
43-015-30415-00-00			APD	21	16		9	
43-007-30515-00-00			APD	31	15		10	
43-007-30835-00-00	T 100 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		APD	33	13		9	
43-007-30836-00-00			APD	33	13		9	
43-007-30803-00-00			APD	34	14		8	
43-007-30478-00-00	*** ***		APD	5	15		9	
43-015-30411-00-00			APD	16	16		9	
43-015-30412-00-00			APD	16	16		9	
43-015-30413-00-00			APD	16	16		9	
43-015-30299-00-00			APD	18	16		9	
43-015-30420-00-00	The state of the s		APD	19	16		9	
43-015-30492-00-00			APD	19	16		9	
43-007-30891-00-00			APD	19	14		10	
43-015-30414-00-00			APD	20	16		9	
43-015-30421-00-00			APD	20	16		9	
43-015-30518-00-00			·	25	16		8	
43-015-30539-00-00			APD APD	25	16		8	
43-015-30540-00-00			APD APD	25	16		8	
43-007-30817-00-00			APD	25	13		9	
43-015-30543-00-00	- 14.			26			8	
43-015-30547-00-00			APD		16		9	
43-007-30889-00-00			APD	29	16			
43-007-30814-00-00			APD	32	14 3		10	
+3-001-30614-00-00	DIAT 30-000	Gas Well	APD	35	13	>	9	



API Well Number	Well Name	Well Type	Well Status	Sec	Twpr	Twpd	Rnan	Rnad
43-047-33750-00-00	FEDERAL 34-29	Gas Well	Р.	29		S	19	
43-007-30782-00-00	GAROFOLA 26-482	Gas Well	Р	26		S		E
	GIACOLETTO 11-113	Gas Well	Р	11		S	9	
	GIACOLETTO 13-120	Gas Well	P	13		S	q	E
	GIACOLETTO 14-121	Gas Well	P	14		S	a	E
	HELPER & ASSOC 07-307	Gas Well	P	7		S	9	E
	HELPER & ASSOC 18-236	Gas Well	P	18		S		E
	HELPER & ASSOC 18-308	Gas Well	P	18		S	9	Е
	HELPER & ASSOC 8-232	Gas Well	P	8		S		Е
	HELPER & ASSOCIATES 7-84	Gas Well	P	7		S	9	
43-007-30588-00-00		Gas Well	P	16		S	10	
	KAKATSIDES 31-197	Gas Well	P	31		S	9	_
43-007-30420-00-00			P		15			
43-007-30290-00-00		Gas Well	P	17			10	
	PETES WASH 23-12 #1	Gas Well	P	16	14			E
43-007-30748-00-00		Gas Well	1	12	10		17	
43-007-30749-00-00		Gas Well	Р	25	15		8	E
		Gas Well	P	25	15		8	E
43-007-30754-00-00		Gas Well	Р	26	15			E
43-007-30755-00-00	1	Gas Well	P	26	15		8	
43-007-30745-00-00		Gas Well	Р	26	15			E
	PINNACLE PEAK 19-171	Gas Well	Р	19	14		9	
43-007-30845-00-00		Gas Well	Р	10	15		8	
43-007-30282-00-00		Gas Well	Р	19	15		10	
43-007-30283-00-00		Gas Well	Р	19	15		10	
43-007-30346-00-00		Gas Well	Р	30	15		10	
43-015-30279-00-00		Gas Well	Р	10	16		8	
43-015-30494-00-00		Gas Well	Р	15	16		8	
	PRETTYMAN 10-15-34	Gas Well	Р	10	14		9	
	PRETTYMAN 11-114	Gas Well	P	11	14		9	
43-007-30653-00-00		Gas Well	Р	21	15			E
43-007-30743-00-00		Gas Well	Р	21	15			E
43-007-30747-00-00		Gas Well	Р	25	15		8	E
43-007-30559-00-00		Gas Well	Р	28	15		9	E
43-007-30518-00-00		Gas Well	Р	28	15		9	E
43-007-30509-00-00		Gas Well	P	3	14	S	9	E
43-007-30473-00-00		Gas Well	P	5	14	S	9	
43-007-30474-00-00		Gas Well	P	5	14		9	E]
43-007-30475-00-00		Gas Well	P	8	14	S	9	E
43-007-30479-00-00		Gas Well	P	8	14		9 1	E
43-007-30476-00-00		Gas Well	P	8	14	S	9 1	Ē
	ROBERTSON 32-127	Gas Well	P	32	14	S	10 [E
43-007-30610-00-00		Gas Well	Р	16	15	S	10 [= 1
43-007-30723-00-00		Gas Well	P	16	15	S	10	= 7
43-007-30765-00-00	SAMPINOS 16-521	Gas Well	Р	16	15	S	10	= 1
43-007-30800-00-00	SEELY 22-501	Gas Well	Р	22	14	S	8 8	≣
43-007-30130-00-00	ST OF UT 25-9-1	Gas Well	Р	25	14		9 [= 1
43-007-30142-00-00	ST OF UT 36-3-4	Gas Well	P	36	14		9 [
43-007-30116-00-00	STELLA-HAMAKER 10-174		Р	10	15	S	8	
43-007-30746-00-00			Р	23	15		8 8	
43-007-30319-00-00			P	15	14		9 6	
43-007-30322-00-00			P	16	14		9 6	
43-007-30300-00-00			P	19	14		9 E	
43-007-30299-00-00			P	19	14		9 6	
43-007-30327-00-00			P	20	14		9 6	
			·		17	<u> </u>	<u> </u>	



API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rnad
43-007-30631-00-00	USA 13-419	Gas Well	Р	13	15			E
43-007-30707-00-00	USA 13-447	Gas Well	Р	13	14			E
43-007-30706-00-00	USA 13-470	Gas Well	Р	13	14			Ε
43-007-30789-00-00	USA 13-474	Gas Well	Р	13	14			E
43-007-30790-00-00	USA 13-475	Gas Well	Р	13	14	S		E
43-007-30568-00-00	USA 13-91	Gas Well	Р	13	14		9	E
43-007-30404-00-00	USA 14-122	Gas Well	Р	14	14	S		Е
43-015-30418-00-00	USA 1-425	Gas Well	Р	1	16	S		E
43-007-30579-00-00	USA 14-325	Gas Well	Р	14	15	S	8	Ε
43-007-30634-00-00		Gas Well	P	14	15	S	8	E
43-007-30646-00-00	USA 14-416	Gas Well	Р	14	15		8	Ε
43-007-30647-00-00	USA 14-417	Gas Well	Р	14	15	S	8	E
43-007-30791-00-00	USA 14-476	Gas Well	Р	14	14	S	8	E
43-007-30792-00-00		Gas Well	Р	14	14		8	E
43-007-30529-00-00		Gas Well	Р	14	14	S	9	E
43-007-30263-00-00		Gas Well	Р	14	14	S	9	
43-007-30450-00-00		Gas Well	Р	15	14	S	9	E
43-007-30423-00-00		Gas Well	Р	15	14	S	9	E
43-007-30690-00-00	USA 15-420	Gas Well	P	15	15	S	8	
43-007-30691-00-00	USA 15-422	Gas Well	Р	15	15	S	8	
43-007-30264-00-00	USA 15-88	Gas Well	Р	15	14	S	9	Е
43-007-30422-00-00	USA 17-179	Gas Well	Р	17	14	S	9	Ε
43-007-30622-00-00		Gas Well	Р	17	14		9	E
43-007-30618-00-00		Gas Well	Р	18	14		9	
43-007-30417-00-00		Gas Well	Р	18	14		9	
43-007-30619-00-00		Gas Well	Р	18	14		9	
43-007-30393-00-00			Ρ	19	15		10	
43-007-30392-00-00			P	19	15	S	10	
43-007-30448-00-00			Р	20	15		10	
43-007-30451-00-00			P	20	15		10	
43-007-30590-00-00		Gas Well	Р	20	15		10	
43-007-30591-00-00			Р	20	15		10	
43-007-30424-00-00			P	21	14		9	
43-007-30425-00-00			Р	21	14			E
43-007-30426-00-00		000 11011	P	22	14		9	
43-007-30477-00-00			Р	22	14		9	
43-007-30700-00-00	·		P	22	15		8	
43-007-30611-00-00			P	23	14		8	
43-007-30650-00-00			P	23	15		8	
43-007-30704-00-00	······································		P	23	15		8	
43-007-30503-00-00			P	23	15		8	
43-007-30793-00-00			P	23	14		8	
43-007-30794-00-00			P	23	14		8	
43-007-30795-00-00			P	23	14		8	
43-007-30469-00-00			P	24	14		8	
43-007-30612-00-00			Р	24	14		8	
43-007-30613-00-00			<u>P</u>	24	14		8	
43-007-30651-00-00			P	24	15		8	<u> </u>
43-007-30648-00-00			P	24	15		8	
43-007-30708-00-00			P	24	14 3		8	
43-007-30652-00-00			P	24	15		8	
43-007-30705-00-00			P	24	15		8	
43-007-30505-00-00			P	25	15		8	
43-007-30614-00-00 L	JSA 26-393	Gas Well	Ρ	26	14 3	>	8	=



API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30430-00-00	UTAH 06-223	Gas Well	Р	6	15	S	9	E
43-007-30562-00-00	UTAH 06-330	Gas Well	Р	6	15		9	E
43-007-30716-00-00	UTAH 06-483	Gas Well	Р	6	15	S	9	E
43-007-30409-00-00	UTAH 07-234	Gas Well	Р	7	15	S	9	E
43-007-30421-00-00	UTAH 07-235	Gas Well	Р	7	15	S	9	E
43-007-30411-00-00	UTAH 08-231	Gas Well	Р	8	15	S	9	E
43-007-30488-00-00	UTAH 08-233	Gas Well	Р	8	15	S	9	
43-015-30464-00-00	UTAH 08-354	Gas Well	Р	8	16	S	9	E
43-015-30378-00-00	UTAH 08-355	Gas Well	Р	8	16	S	9	E
43-015-30379-00-00	UTAH 08-356	Gas Well	Р	8	16	S	9	
43-015-30380-00-00	UTAH 08-357	Gas Well	Р	8	16	S	9	E
43-007-30449-00-00	UTAH 09-227	Gas Well	Р	9	15	S	9	E
43-007-30561-00-00	UTAH 09-329	Gas Well	Р	9	15	S	9	E
43-015-30300-00-00		Gas Well	Р	9	16	S	9	E
43-015-30407-00-00		Gas Well	Р	9	16	S	9	E
43-015-30397-00-00		Gas Well	Р	9	16	s	9	
43-015-30408-00-00		Gas Well	Р	9	16		9	
43-007-30580-00-00		Gas Well	Р	9	15		10	
43-007-30605-00-00		Gas Well	P	9	15		10	
43-007-30657-00-00		Gas Well	Р	9	15		10	
43-007-30722-00-00		Gas Well	P	9	15		10	
43-007-30302-00-00		Gas Well	P	10	15			E
43-007-30298-00-00		Gas Well	P	10	15			E
43-007-30432-00-00		Gas Well	P	10	15			E
43-007-30303-00-00		Gas Well	P	10	15			E
43-007-30228-00-00		Gas Well	P	11	15			Ē
43-007-30229-00-00		Gas Well	P	11	15			E
43-007-30230-00-00		Gas Well	P	11	15			E
43-007-30231-00-00		Gas Well	P	11	15			Ē
43-007-30261-00-00		Gas Well	Р	1	15			E
43-007-30210-00-00		Gas Well	P	12	15		9	
43-007-30232-00-00		Gas Well	P	12	15		9	
43-007-30232-00-00			P	12	15		9	
43-007-30234-00-00		Gas Well	P	12	15		9	
43-015-30493-00-00		··········	P	13			8	
43-015-30301-00-00			P	13	16		8	
43-007-30243-00-00		Gas Well	P	13	15		9	
43-007-30243-00-00			P	13	15		9	
43-007-30245-00-00		Gas Well	P	13	15		9	
43-007-30245-00-00			P	13	15		9	
43-007-30240-00-00		Gas Well	P	13	14		9	
43-007-30439-00-00		Gas Well	P	1	15		9	
43-007-30221-00-00			P	1	15		9	
43-007-30221-00-00		Gas Well	P	1	15		9	
43-007-30223-00-00			P	1	15		9	
			P	14	16		8	
43-015-30330-00-00		Gas Well		14	16		8	
43-015-30331-00-00		Gas Well	Р	14	15	7000	9	
43-007-30239-00-00			P P	14	15		9	
43-007-30240-00-00	***************************************						9	
43-007-30241-00-00		Gas Well	P	14	15		9	
43-007-30242-00-00		Gas Well	P	14	15			
43-015-30334-00-00		Gas Well	Р	15	16		8	
43-007-30416-00-00		Gas Well	P	17	15		10	
43-007-30277-00-00	UTAH 17-102	Gas Well	Ρ	17	15	5	10	



API Well Number	Well Name	Well Type	Well Status	Sec	Twon	Twpd	Rnan	Rnad
43-007-30255-00-00		Gas Well	P	24				E
43-007-30256-00-00		Gas Well	P	24	15			E
43-007-30267-00-00		Gas Well	P	24	15	S	9	
43-007-30375-00-00		Gas Well	P	24	15		9	
43-007-30227-00-00		Gas Well	P	2	15		9	
43-007-30157-00-00		Gas Well	P	25	14		9	
43-007-30399-00-00		Gas Well	P	25	15			E
43-007-30400-00-00		Gas Well	P	25	15		9	
43-007-30401-00-00		Gas Well	P	25	15			E
43-007-30402-00-00		Gas Well	<u> </u>	25	15			E
43-007-30600-00-00		Gas Well	P	25	14			E
43-007-30599-00-00		Gas Well	P	25	14			E
43-007-30658-00-00		Gas Well	P	25	14			E
43-007-30602-00-00		Gas Well	P	25	14			E
43-007-30206-00-00		Gas Well	P	25	14		9	
43-015-30519-00-00		Gas Well	Р	25	16		8	
43-007-30156-00-00		Gas Well	P	25	14		9	
43-007-30190-00-00		Gas Well	Р	26	14		9	
43-007-30205-00-00		Gas Well	P	26	14		9	
43-007-30181-00-00		Gas Well	P	26	14			E
43-007-30446-00-00		Gas Well	IP	26	15			E
43-007-30445-00-00		Gas Well	P	26	15			E
43-007-30444-00-00			P	26	15		9	
43-007-30514-00-00		Gas Well	P	26				
43-015-30541-00-00			P	26	15 16			E
43-015-30542-00-00		Gas Well Gas Well	P	26	16			
43-015-30544-00-00			P	26			8	
43-007-30202-00-00		Gas Well	P	26	16 14			E
43-007-30202-00-00		Gas Well	P	27				E
43-007-30393-00-00		Gas Well	P	27	14 14			E
43-007-30292-00-00		Gas Well	P	27		. 1		E
43-007-30457-00-00		Gas Well Gas Well	P		15			E
43-007-30438-00-00				27	15		9	
43-007-30712-00-00		Gas Well	P	27	14		8	
43-007-30714-00-00		Gas Well	P	27	14		8	
43-015-30545-00-00			P	27	14		8	
43-007-30193-00-00			P	27	16		8	
43-007-30193-00-00		Gas Well	Р	27	14		9	<u> </u>
43-007-30186-00-00		Gas Well	P	27	14		9	
			P	28	14		9	<u> </u>
43-007-30397-00-00			P	28	14		9	<u>-</u>
43-007-30293-00-00			Р	28	14		9	트
43-007-30294-00-00			P	28	14		9	⊑
43-007-30551-00-00		Gas Well	P	28	15		9	
43-007-30560-00-00 L			P	28	15		9	
43-007-30405-00-00			P	29	14		9	
43-007-30427-00-00			P	29	14		9	
43-007-30739-00-00 L			P	29	15		9	
43-007-30740-00-00			P	29	15		9	
43-007-30741-00-00 L			P	29	15		9	
43-007-30742-00-00 L			P	29	15		9	
43-007-30262-00-00 U			P	30	14		10	
43-007-30185-00-00 L			Р	30	14		10	
43-007-30265-00-00 L			P	30	14 :		9	
43-007-30344-00-00 L	JTAH 30-196	Gas Well	P	30	14	s	9	E



API Well Number	Well Name	Well Tvp	e Well Status	Sec	Twpn	Twpd	Rnan	Rnad
43-007-30178-00-00		Gas Well	Р	36		S		E
43-007-30341-00-00	UTAH 36-135	Gas Well		36		S	9	F
43-007-30343-00-00	UTAH 36-136	Gas Well	Р	36	1	S	9	E E
43-007-30342-00-00	UTAH 36-137	Gas Well		36	1	S	9	E
43-007-30315-00-00	UTAH 36-162	Gas Well	Р	36				E
43-007-30316-00-00	UTAH 36-163	Gas Well	Р	36	14		8	F
43-007-30317-00-00	UTAH 36-164	Gas Well	Р	36			8	E
43-007-30318-00-00	UTAH 36-165	Gas Well	Р	36	<u> </u>		8	E
43-007-30144-00-00	UTAH 36-9-5	Gas Well	Р	36		1	9	E
43-015-30341-00-00	UTAH 4-280	Gas Well	P ·	4	16	S	9	Ē
43-015-30342-00-00	UTAH 4-282	Gas Well	Р	4	16		9	E
43-007-30384-00-00	UTAH 5-205	Gas Well	Р	5	15		9	Ē
43-007-30269-00-00	UTAH 5-94	Gas Well	Р	5	15		10	
43-007-30270-00-00	UTAH 5-95	Gas Well	Р	5	15		10	
43-007-30271-00-00	UTAH 5-96	Gas Well	Р	5	15		10	
43-007-30217-00-00	UTAH 6-38	Gas Well	Р	6	15		10	
43-007-30218-00-00	UTAH 6-39	Gas Well	Р	6	15		10	
43-007-30219-00-00	UTAH 6-40	Gas Well	Р	6	15		10	
43-007-30254-00-00	UTAH 6-41	Gas Well	Р	6	15		10	
43-007-30235-00-00	UTAH 7-57	Gas Well	Р	7	15		10	
43-007-30236-00-00		Gas Well	Р	7	15		10	
43-007-30237-00-00	UTAH 7-59	Gas Well	Р	7	15		10	E
43-007-30238-00-00		Gas Well	Р	7	15		10	E
43-007-30275-00-00		Gas Well	Р	8	15		10	
43-007-30410-00-00		Gas Well	Р	8	15		9	
43-007-30272-00-00	UTAH 8-97	Gas Well	Р	8	15		10	
43-007-30285-00-00		Gas Well	Р	8	15		10	
43-007-30274-00-00		Gas Well	Р	8	15		10	
43-007-30413-00-00		Gas Well	Р	9	15	s	9	E
43-007-30414-00-00		Gas Well	Р	9	15		9	
43-007-30279-00-00		Gas Well	Р	30	14		10	
	WOOLSTENHULME 05-266	Gas Well	Р	5	15		10	
43-015-30250-00-00	UTAH 16-110	Gas Well	Shut_In	16	16		9	

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/W. West B. Fisher

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning, Use
and Protection



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Eastern States Office 7450 Boston Boulevard Springfield, Virginia 22153

IN REPLY REFER TO 3106.8(932.34)WF

January 16, 2003

NOTICE

ConocoPhillips Company P.O. Box 7500 Bartlesville, Oklahoma 74005 Oil & Gas Leases

Merger/Name Change Recognized

Acceptable evidence was received in this office on January 14, 2003, concerning the change of name of Phillips Petroleum Company to ConocoPhillips Company and the merger of Conoco Incorporated into ConocoPhillips Company on Federal oil and gas leases, with ConocoPhillips Company being the surviving entity.

The Secretary of the State of Delaware certified the effective date of this merger effective December 31, 2002.

The oil and gas lease files identified on the enclosed exhibit have been noted to the merger. The exhibit was compiled from a list of leases obtained from your list of leases. Eastern States has not abstracted the lease files to determine if the entities affected by this merger hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of this merger and name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

By Operation of law the name of the principal on Nationwide Oil and Gas Bond held by Conoco Incorporated (ES0085) has been changed to ConocoPhillips Company.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH 2. CDW 3. FILE

Change of Operator (Well Sold)

5. If **NO**, the operator was contacted contacted on:

Designation of Agent/Operator

Operator Name Change

X Merger

S: P O BOX TON, TX 7' 1-(832)-486 t No. N2 it: DF	PS COMPA (2197, WL) (7252) (6-2329) (335) RUNKARD (TITY LE) (TY) (256) FE (256) FE (256) FE	S WASH	WELL TYPE GW	WELL STATUS P
EN O BOX (CON, TX 7') 1-(832)-486 t No. N2 (CON) 11: DF (CON) 11: 30646 11: 30690 11: 30691 11: 30220 11:	7252 6-2329 335 RUNKARD TITY LE D TY 256 FE 256 FE 256 FE 256 FE	S WASH CASE PE DERAL DERAL	WELL TYPE GW	STATUS P
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6. (R649-9-2)Waste Management Plan has been received on: <u>IN PLACE</u>
7. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/14/2003
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: 01/14/2003
9. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: 01/14/2003
10. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 02/10/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 02/10/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
STATE WELL(S) BOND VERIFICATION: 1. State well(s) covered by Bond Number: 8140-60-24
FEDERAL WELL(S) BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: 8015-16-69
INDIAN WELL(S) BOND VERIFICATION: 1. Indian well(s) covered by Bond Number: N/A
FEE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 6196922
2. The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: N/A N/A
LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
COMMENTS: